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TL Air Quality Monitoring Report
VOL 1
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τ_L Report on Continuous Air Quality Monitoring Stations

1970



τ_L Ontario Department of the Environment
Air Management Branch

Air Quality Monitoring Report 1970

Introduction

This volume (Volume 1) provides a summary of the results of continuous monitoring of air quality in the Province of Ontario during 1970. Volume 2 reproduces the detailed computer printout of tabulations of the hourly data.

Continuous sampling was carried out for these gaseous pollutants: sulphur dioxide (SO_2), oxidants (O_x), nitrogen oxides (NO_x), carbon monoxide (CO), and hydrocarbons (HC). Concentrations are recorded at all stations on chart readers. Hourly averages are read and computer processed to produce the summaries in this report.

Suspended particulate matter concentrations are measured continuously by means of Hemeon tape samplers. These provide hourly or two-hourly measurements of the Soiling Index in units of COH (co-efficient of haze) per 1,000 feet of air drawn through the filter tape. These measurements are processed by computer, similarly to the gaseous pollutant hourly average concentrations.

Sampling Stations

Table 1 describes each of the continuous air monitoring stations. This tabulation gives the Air Management Branch region number in which the station is located, the identification number of the station, the city address, the location as designated by the Universal Transverse Mercator Grid, the height of the station above sea level, the height of the sampling intake above ground, and the type of pollutant monitored.

Criteria for Desirable Ambient Air Quality

For assessment of ambient air quality, Schedule 2 of Ontario Regulation 133/70 states air quality criteria representative of the desirable goals to be met in Ontario. Table 2 gives these goals for varying averaging times for each of the pollutants monitored, except total hydrocarbons for which no criterion has been established.

Summary of 1970 Measurements

Tables 3 - 8 provide a summary of 1970 measurements in Ontario. The tables give the period of time when the pollutant was sampled at the location, the 10, 30, 50, 70, 90 and 99 percentile concentrations, the arithmetic mean, the maximum hourly and daily average concentrations, and the number of times during the period of record that concentrations exceeded Ontario's objectives

for hourly, daily and annual averages.

The data is listed by pollutant to permit ready comparison. Percentiles are explained by the following example: the 99 percentile for the Windsor Station 12008 for sulphur dioxide is given at .259 ppm. This means that 99% of the time concentrations were lower than this value and, conversely, 1% of the time the concentration was exceeded.

Analyses of Data

Sulphur Dioxide (See Table 3)

Sulphur dioxide is emitted into the atmosphere as a result of the combustion of fossil fuels and the smelting of ores which contain sulphur. In terms of its effect on the environment and common occurrence it is one of the most important pollutants.

Twenty-nine stations monitored sulphur dioxide in 1970, of which 8 did not exceed the annual average objective of .02 ppm. The highest annual average was recorded in downtown Toronto at .07 ppm.

The daily objective of .10 ppm was met throughout the year at 11 stations. The highest daily average concentration, .51 ppm, was reported at 1 Leslie Street, Toronto.

The Ash Street Station, Sudbury, recorded the maximum hourly average reading at 1.74 ppm. Eight stations met the hourly average objective of .25 ppm throughout the period the pollutant was sampled.

Suspended Particulate Matter (See Table 4)

Of the 44 stations monitoring suspended particulate matter continuously by tape sampler device, 30 stations met Ontario's objective for an annual average of 0.45 COH. The highest annual average, 0.8 COH, was measured at the Hamilton Skyway Toll Station. All stations which exceeded Ontario's annual average are located in Toronto and Hamilton.

The objective for a daily average, 1.0 COH, was not exceeded in 1970 at 12 stations. At 11 stations in Hamilton, and 2 in Toronto, the objective was exceeded during ten or more days of the year. At the Skyway Toll Station in Hamilton the objective was exceeded during fifty-one days.

Total Oxidants (See Table 5)

Any oxidizing compound present in the atmos-

phere will be measured in this category of contaminants by the technique used at the sampling stations. Ozone comprises approximately 90% of the total oxidants present in the air. Most oxidants are caused by photochemical reactions in the atmosphere of nitrogen oxides with hydrocarbons and sunlight present.

The Ontario objectives for total oxidants were exceeded frequently. A maximum hourly average of .20 ppm occurred at Sarnia, Hamilton and North York (Metropolitan Toronto). In Los Angeles, where oxidants comprise the major pollutant problem and form the basis of the alert system, the first alert occurs with a reading of .50 ppm, the second at 1.0 ppm and the third at 1.5 ppm. There have been no readings in Ontario recorded as high as the Los Angeles first alert level.

Nitrogen Oxides (See Table 6)

Nitrogen oxides are produced as the result of almost all combustion processes. The nitrogen which is oxidized is available from the air itself, as well as in the organic matter which is consumed.

Principal sources of nitrogen oxides in a community include the automobile, fossil fuel generating stations, incinerators and space heating furnaces. Monitoring stations near busy downtown city intersections or high traffic arteries have recorded the highest readings of this pollutant.

The highest annual average (0.07 ppm) and the highest 24-hour average level (0.44 ppm) were recorded at Bathurst-Wilson Station in North York. This station is located near Highway 401 (Macdonald-Cartier Expressway) in the vicinity of numerous apartment buildings. This station reported nitrogen oxides exceeding Ontario's objective of 0.20 ppm for 1 hour average during 254 hours. The highest 1 hour average, 0.90 ppm, was recorded at Pharmacy Ave.-Highway 401 Station in Scarborough.

Carbon Monoxide (See Table 7)

This pollutant is produced by incomplete combustion of organic material. The automobile is by far the major source. However, some industries also emit this pollutant.

The Barton-Wentworth Station in Hamilton is the only station which recorded an hourly average exceeding Ontario's objective of 40 ppm. The maximum concentration at this station, 55 ppm, was recorded during the morning rush hour.

The 8-hour average objective of 15 ppm was exceeded on 17 occasions at the first floor elevation of 67 College Street in Toronto, during 7 days at Evans-Arnold Station near the Queen Elizabeth Highway, Etobicoke, and during 5 days at Barton-Wentworth in Hamilton. These stations also recorded the days

which exceeded the 24-hour average objective of 8 ppm.

Total Hydrocarbons (See Table 8)

Hydrocarbons are required for the photochemical production of oxidants. To date, the instrumentation available monitors total hydrocarbons, which include the non-reactive type as well as that which occurs in the atmosphere naturally. As a result, no criteria have been established for this pollutant.

The highest concentrations in the province have been recorded at Sarnia, Ontario. However, high levels have also occurred during 1970 in Metropolitan Toronto, Hamilton and Sudbury.

Ontario's Air Pollution Index

An Air Pollution Index has been designed for several Ontario cities based on 24-hour running average concentrations of sulphur dioxide and suspended particulate matter. An index is computed each hour of the day and publicized four times daily.

The index was designed to meet Ontario's objectives, i.e. up to level 32, sulphur dioxide averages 0.10 ppm and the Co-efficient of Haze averages 1.0.

When the level reaches 32, designated as the Air Advisory Level, and poor dispersion weather is forecast for six or more hours, the owners of the principal sources of pollutants are advised to prepare for curtailment of operations and requested to co-operate by reducing emissions.

At the Air Pollution Alert Level of 50, if poor dispersion is expected to persist for six or more hours, the owners of these sources may be ordered to curtail their emissions.

If the index reaches the level of 100, designed as the threshold of an Air Pollution Episode, sources of pollutants may be ordered to shut down their operations if poor dispersion is forecast to persist at least six more hours.

During 1970, the Air Pollution Index was established on March 23 for 67 College Street, Toronto, and on June 15 for the Barton-Wentworth location in Hamilton. In Toronto, the index exceeded the Advisory Level of 32 on 17 occasions and on 2 of these, August 14 and October 8, the Alert Level of 50 was exceeded.

In Hamilton, the index exceeded 32 on 7 occasions and on one of these, October 8, the index exceeded 50. The highest index recorded in both cities during 1970 was 56.

On each occasion owners of sources of pollutants were advised at the level of 32 and ordered to curtail emissions when the levels exceeded 50.

Periods of high concentrations of pollution occur as the result of the incidence of meteorological conditions during which normal atmospheric dispersion is inhibited. The frequency of such conditions will vary from year to year. The abatement of emissions of pollutants into the atmosphere should in the long term result in a decreasing frequency of high index conditions.

Table 1/1970 Stations With Continuous Sampling Instrumentation
(Pollutant data abstracted hourly or two-hourly)

REGION	STATION NUMBER	NAME OF STATION	INTERNATIONAL GRID		SITE ELEVATION ABOVE MEAN SEA LEVEL (FT)	AIR INTAKE ABOVE GROUND (FT)	POLLUTANT MONITORED					
			EASTING	NORTHING			SO ₂	COH	O _x	NO _x	CO	HC
1	12008	471 University Ave. Windsor	03316	46867	600	25	x	x	x	x	x	x
	12032	Morton Dock Windsor	03271	46817	580	12	x					
	14016	Meteorological Tower Courtright	03793	47397	590	12	x					
	14049	156 Victoria St. Sarnia	03854	47585	600	12	x	x	x	x	x	x
	15001	King-Rectory London	04818	47595	850	13	x	x	x			x
	15003	362 Dundas St. London	04801	47590	825	55		x				
	16001	Horticultural Station Simcoe	05555	47441	750	10	x		x	x	x	x
2	22012	Reeve's House Port Maitland	06184	47468	580	6	x					
	26001	Public Utilities Sub-station, Waterloo	05356	48132	1100	8	x	x				
	29001	Hughson-Main Hamilton	05919	47896	325	30		x				
	29004	Scott Park Hamilton	05949	47889	275	10		x				
	29008	North Park Hamilton	05984	47927	260	10	x	x				
	29009	Kenilworth-Roxborough Hamilton	05967	47884	300	30		x				
	29012	Burlington-Wellington Hamilton	05931	47914	275	12		x				
	29013	John-Burlington Hamilton	05926	47914	275	6		x				
	29014	Elgin-Barton Hamilton	05926	47904	275	15		x				
	29015	Merrick St. Hamilton	05917	47900	300	55		x				
	29016	78 Mountain Ave. Hamilton	05901	47886	325	10		x				
	29017	Chatham-Frid Hamilton	05898	47896	325	15		x				
	29025	Barton-Wentworth Hamilton	05939	47900	300	12	x	x	x	x	x	x
	29026	Woodward-Brampton Hamilton	05996	47897	275	13		x				
	29057	544 Main St. Hamilton	05940	47888	300	20		x				
	29058	Skyway Toll Booth Hamilton	05986	47919	250	3		x				
3	31001	67 College St. (5th Floor), Toronto	06300	48352	340	65	x	x	x	x	x	x
	31002	150 College St. University of Toronto	06296	48351	340	40	x	x				
	31003	City Hall Toronto	06304	48342	295	100	x	x				
	31016	1 Leslie St. Toronto	06348	48353	260	15	x					
	31026	360 Christie St. Toronto	06272	48367	412	20		x				
	31081	67 College St. (1st Floor), Toronto	06300	48352	340	8	x				x	x
	33002	Pharmacy-Hwy. 401 Scarborough	06357	48473	575	8	x	x		x		x
	33018	Eglinton-Birchmount Scarborough	06388	48431	525	20		x				

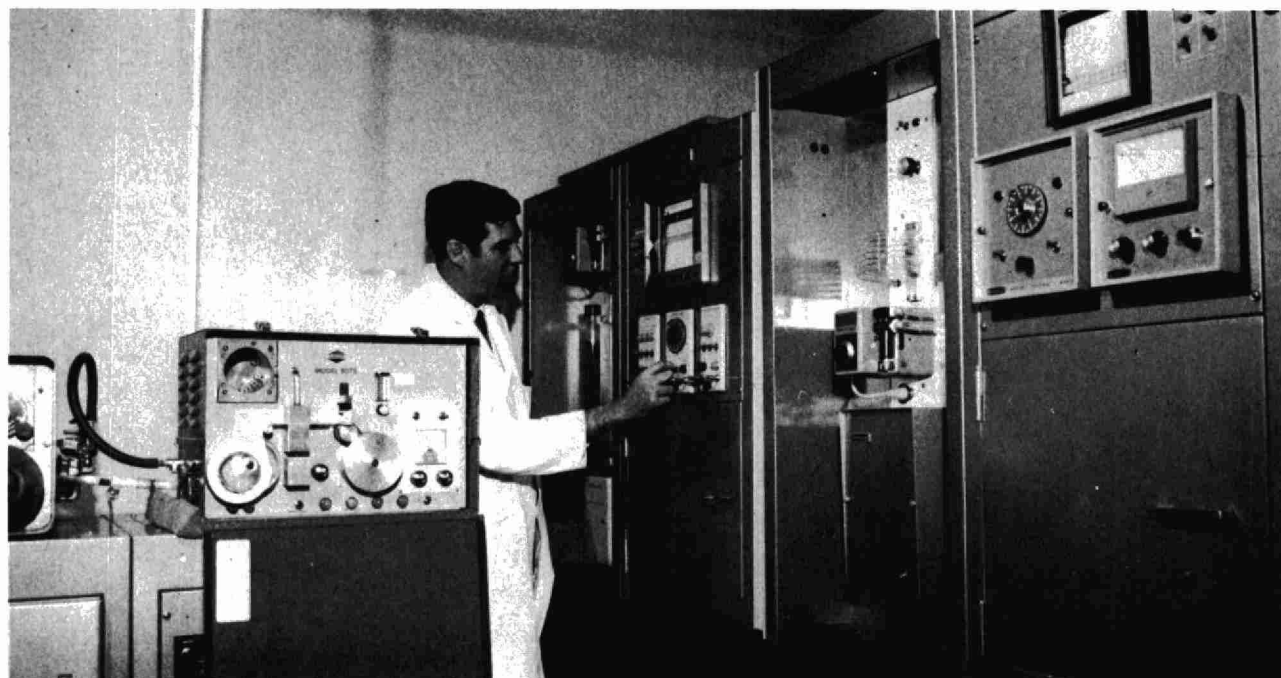
REGION	STATION NUMBER	NAME OF STATION	INTERNATIONAL GRID		SITE ELEVATION ABOVE MEAN SEA LEVEL (FT)	AIR INTAKE ABOVE GROUND (FT)	POLLUTANT MONITORED					
			EASTING	NORTHING			SO ₂	COH	O _x	NO _x	CO	HC
4	33019	Redland Cresc. Scarborough	06422	48411	500	10	x	x				
	34002	Science Centre, Don Mills, North York	06338	48419	350	30	x	x	x	x	x	x
	34007	Bathurst-Wilson North York	06261	48437	700	8	x	x		x	x	x
	35003	Rathburn-Renforth Etobicoke	06142	48338	500	12	x	x	x	x	x	x
	35005	Queensway Hospital Etobicoke	06159	48293	350	30	x	x				
	35008	22 - 36th St. Etobicoke	06190	48281	300	5		x				
	35033	Evans-Arnold Etobicoke	06192	48302	350	9	x	x			x	x
	35036	Islington-Hwy. 401 Etobicoke	06169	48404	500	35	x	x				
	46001	Toronto Airport Peel County	06087	48342	550	6		x				
	46012	1589 Watersedge Park Peel County	06130	48179	250	6	x					
	46025	Mississauga Library Peel County	06116	48260	375	15		x				
	46033	Fire Hall, Bramalea Peel County	06046	48402	650	12		x				
	46038	Old Court House, Brampton, Peel County	06001	48375	700	25		x				
	46071	O.P.P., QEW-Hwy. 10 Peel County	06133	48247	325	20	x					
	48001	Hwy. 7-Hwy. 400 York County	06176	48495	650	10	x	x				
5	52015	797 Princess St. Kingston	03797	48993	350	30		x				
	56051	Memorial Park Cornwall	05208	49846	200	12		x				
6	63015	1111 Victoria Ave. Thunder Bay	03331	53614	650	4		x				
7	71021	Prov. Building Sault Ste. Marie	07049	51542	625	40		x				
	75017	Cache Bay Sturgeon Falls	05788	51380	680	5	x					
	75018	649 Cassells St. North Bay	06184	51298	675	18		x				
	77005	394 Montague St. Sudbury	04995	51497	950	8	x					
	77016	Ash Street, Water Tank, Sudbury	04994	51486	900	12	x	x	x	x	x	x

Table 2/1970 Criteria For Desirable Ambient Air Quality

NAME OF CONTAMINANT	UNITS OF MEASURE	AVERAGING TIME	CONCENTRATION
Sulphur Dioxide	Parts per hundred million	1 hour	25
		24 hours	10
		1 year	2
Oxidants	Parts per hundred million	1 hour	10
		24 hours	3
Nitrogen Oxides	Parts per hundred million	1 hour	20
		24 hours	10
Carbon Monoxide	Parts per million	1 hour	40
		8 hours	15
		24 hours	8
Suspended Particulate (Soiling Index)	COH per 1,000 feet of air	24 hours	1.0
		1 year	.45

Table 3/1970 Summary of Data: Sulphur Dioxide*

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA		
				10	30	50	70	90	99		1-HR.	24-HR.	1-HR.	24-HR.	1-YR.
1	12008	471 University Ave. Windsor	12	.002	.007	.014	.033	.085	.259	.04	.63	.26	88	16	1
	12032	Morton Dock Windsor	12	.002	.007	.015	.031	.071	.151	.03	.36	.14	13	2	1
	14016	Met. Tower Courtright	11	.003	.008	.019	.038	.080	.189	.04	.48	.17	12	4	1
	14049	156 Victoria St. Sarnia	12	.002	.005	.008	.017	.050	.119	.02	.65	.11	3	1	Nil
	15001	King-Rectory London	2	.004	.012	.018	.025	.034	.046	.02	.09	.04	Nil	Nil	Nil
	16001	Hort. Station Simcoe	9	.002	.005	.009	.018	.038	.090	.02	.20	.07	Nil	Nil	Nil
2	22012	Reeve's House Port Maitland	7	.001	.003	.006	.008	.016	.115	.01	.33	.06	4	Nil	Nil
	26001	Public Util. Sub-station, Waterloo	4	.001	.004	.006	.009	.017	.038	.01	.06	.02	Nil	Nil	Nil
	29008	North Park Hamilton	4	.002	.007	.015	.037	.066	.294	.03	.37	.24	16	1	1
	29025	Barton-Wentworth Hamilton	12	.002	.007	.016	.036	.079	.173	.03	.38	.23	9	11	1
3	31001	67 College St. 5th Floor, Toronto	12	.008	.026	.046	.079	.150	.303	.07	.61	.24	205	79	1
	31002	University of Toronto, Toronto	11	.013	.030	.047	.072	.124	.274	.07	.67	.19	81	42	1
	31003	City Hall Toronto	12	.009	.021	.035	.055	.098	.206	.05	.46	.25	36	16	1
	31016	1 Leslie St. Toronto	9	.005	.014	.032	.053	.102	.234	.05	1.23	.51	39	14	1
	31081	67 College St. 1st Floor, Toronto	12	.007	.023	.038	.061	.107	.188	.05	.57	.14	22	18	1
	33002	Pharmacy-Hwy. 401 Scarborough	11	.004	.011	.016	.024	.043	.098	.03	.17	.10	Nil	Nil	1
	33019	Redland Cresc. Scarborough	12	.002	.007	.012	.020	.040	.099	.02	.31	.09	1	Nil	Nil



Suspended particulates tape sampler (left), total oxidants analyzer (center), total oxides of nitrogen analyzer (right).

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA		
				10	30	50	70	90	99		1-HR.	2-HR.	1-HR.	24-HR.	1-YR.
	34002	Science Centre	12	.004	.014	.027	.043	.072	.122	.04	.37	.11	1	2	1
	34007	Bathurst-Wilson	11	.005	.014	.022	.031	.049	.099	.03	.20	.09	Nil	Nil	1
	35003	North York	12	.003	.008	.015	.026	.049	.104	.03	.26	.08	1	Nil	1
	35005	Rathburn-Renforth	12	.002	.006	.011	.025	.060	.133	.03	.32	.12	4	3	1
	35033	Etobicoke	10	.004	.011	.024	.042	.079	.154	.04	.48	.13	3	3	1
	35036	Evans-Arnold	12	.003	.008	.016	.027	.055	.139	.03	.24	.13	Nil	3	1
4	46012	Islington-Hwy. 401	12	.003	.008	.016	.027	.055	.139	.03	.24	.13	Nil	3	1
	46012	Etobicoke	12	.003	.008	.016	.027	.055	.139	.03	.24	.13	Nil	3	1
	46071	Queensway Hospital	12	.002	.006	.011	.025	.060	.133	.03	.32	.12	4	3	1
	48001	Peel County	6	.004	.013	.021	.029	.058	.132	.03	.24	.12	Nil	2	1
	48001	O.P.P., QEW-Hwy. 10	12	.001	.004	.007	.011	.028	.097	.01	.53	.09	6	Nil	Nil
	48001	Peel County	12	.001	.004	.007	.011	.028	.097	.01	.53	.09	6	Nil	Nil
	48001	Hwy. 7-Hwy. 400	7	.001	.004	.007	.012	.037	.114	.02	.31	.10	2	Nil	Nil
7	75017	York County	7	.001	.004	.007	.012	.037	.114	.02	.31	.10	2	Nil	Nil
	75017	Cache Bay	4	.001	.003	.005	.008	.010	.058	.00	.23	.04	Nil	Nil	Nil
	75005	Sturgeon Falls	9	.001	.004	.007	.010	.093	.437	.03	1.02	.27	176	14	1
	77016	394 Montague St.	12	.002	.005	.009	.027	.102	.443	.04	1.74	.30	263	25	1
	77016	Sudbury	12	.002	.005	.009	.027	.102	.443	.04	1.74	.30	263	25	1
	77016	Ash St.	12	.002	.005	.009	.027	.102	.443	.04	1.74	.30	263	25	1
	77016	Sudbury	12	.002	.005	.009	.027	.102	.443	.04	1.74	.30	263	25	1

*Ontario Criteria (Ont. Regulation 133/70):

1 Hour Average: 0.25 ppm

24 Hour Average: 0.10 ppm

1 Year Average: 0.02 ppm

NOTE: All values in ppm (parts per million)

Table 4/1970 Summary of Data: Soiling Index*

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA	
				10	30	50	70	90	99		1-HR.	24-HR.	24-HR.	1-YR.
1	12008	471 University Windsor	8	.08	.20	.32	.49	.84	1.54	0.4	3.1	1.4	4	Nil
	14049	Victoria St. Sarnia	9	.04	.12	.19	.31	.57	1.12	0.3	1.9	1.0	Nil	Nil
	15001	King-Rectory London	4	.06	.14	.23	.37	.63	1.02	0.3	1.9	0.9	Nil	Nil
	15003	362 Dundas London	11	.04	.12	.20	.36	.64	1.09	0.3	2.5	0.9	Nil	Nil
2	26001	P.U. Station Waterloo	5	.04	.12	.19	.30	.55	1.01	0.3	1.7	0.9	Nil	Nil
	29001	Hughson-Main Hamilton	9	.09	.24	.45	.74	1.32	2.46	0.6	5.0	1.9	18	1
	29004	Scott Park Hamilton	9	.08	.19	.36	.58	1.05	1.94	0.5	3.8	1.8	14	1
	29008	North Park Hamilton	9	.06	.16	.35	.61	1.08	1.71	0.5	4.1	1.4	16	1
	29009	Kenilworth Hamilton	12	.04	.12	.21	.41	.81	1.82	0.4	3.1	1.5	14	Nil
	29012	Hamilton-Burlington Wellington	12	.06	.17	.33	.54	.99	2.22	0.5	7.5	2.1	19	1
	29013	Hamilton-John Burlington	10	.03	.08	.15	.25	.48	.94	0.2	1.7	0.9	Nil	Nil
	29014	Elgin-Barton Hamilton	12	.07	.18	.35	.58	1.15	2.19	0.5	7.9	1.7	26	1
	29015	Merrick St. Hamilton	10	.10	.27	.48	.75	1.28	2.15	0.6	5.6	1.9	20	1
	29016	78 Mountain Hamilton	11	.04	.12	.21	.36	.73	1.64	0.4	2.8	1.7	6	Nil
	29017	Chatham-Frid Hamilton	11	.06	.17	.33	.56	1.33	2.14	0.5	4.7	1.9	16	1
	29025	Barton-Wentworth Hamilton	9	.04	.14	.36	.70	1.36	2.61	0.6	5.4	2.3	39	1
	29026	Woodward-Brampton Hamilton	7	.05	.13	.22	.39	.73	1.56	0.4	5.4	1.3	2	Nil
	29057	554 Main Hamilton	6	.05	.16	.29	.55	1.05	1.97	0.5	3.3	1.7	13	1
	29058	Skyway Toll Hamilton	9	.11	.30	.59	.95	1.66	2.68	0.8	6.4	2.0	51	1
3	31001	67 College St. Toronto	12	.05	.16	.33	.54	.98	1.99	0.5	5.2	1.5	17	1
	31002	University of Toronto, Toronto	9	.05	.15	.29	.47	.78	1.56	0.4	4.1	2.1	4	Nil
	31003	City Hall Toronto	12	.07	.19	.36	.57	.98	1.89	0.5	4.4	2.4	16	1
	31026	360 Christie Toronto	8	.07	.18	.31	.50	.87	1.71	0.5	2.9	1.7	3	Nil
	33002	Pharmacy-Hwy. 401 Scarborough	11	.06	.16	.29	.48	.79	1.56	0.4	2.7	1.5	7	Nil
	33018	Eglinton-Birchmount Scarborough	6	.05	.15	.33	.54	.96	1.78	0.5	4.0	1.5	8	1
	33019	Redland Cresc. Scarborough	7	.03	.08	.15	.23	.45	.86	0.2	1.3	0.6	Nil	Nil
	34002	Science Centre North York	7	.04	.12	.20	.34	.63	1.20	0.3	2.6	1.1	1	Nil
	34007	Bathurst-Wilson North York	11	.05	.15	.27	.48	.90	1.84	0.4	3.5	2.0	7	Nil
	35003	Rathburn-Renforth Etobicoke	6	.05	.14	.24	.40	.76	1.87	0.4	3.7	1.9	2	Nil
	35005	Queensway Hospital Etobicoke	6	.04	.12	.19	.34	.68	1.51	0.3	2.9	1.4	2	Nil
	35008	36th St., Long Branch, Etobicoke	11	.05	.14	.24	.42	.76	1.58	0.4	2.5	1.4	2	Nil
	35033	Evans-Arnold Etobicoke	8	.09	.19	.35	.52	.89	1.73	0.5	3.8	2.1	6	1

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA	
				10	30	50	70	90	99		1-HR.	24-HR.	24-HR.	1-YR.
	35036	Islington-Hwy. 401 Etobicoke	10	.05	.15	.26	.40	.72	1.46	0.4	2.5	1.4	5	Nil
4	46001	Toronto Airport	6	.03	.09	.17	.29	.59	1.26	0.3	2.3	1.2	2	Nil
	46025	Peel County Mississauga Public Library, Peel Co.	10	.03	.10	.17	.28	.55	1.05	0.3	2.3	0.9	Nil	Nil
	46033	Bramalea Peel County	11	.03	.09	.16	.30	.56	1.19	0.3	2.0	1.1	2	Nil
	46038	Brampton Peel County	12	.04	.12	.19	.33	.59	1.15	0.3	1.8	0.9	Nil	Nil
	48001	Hwys. 7 & 400 York County	10	.02	.07	.14	.24	.49	1.10	0.2	1.6	0.7	Nil	Nil
5	52015	797 Princess St. Kingston	8	.04	.11	.19	.31	.61	1.13	0.3	2.6	0.8	Nil	Nil
	56061	Memorial Park Cornwall	3	.05	.14	.25	.42	.76	1.71	0.4	2.3	1.1	1	Nil
6	63015	1111 Victoria Ave. Thunder Bay	8	.04	.13	.21	.36	.68	1.26	0.3	3.4	0.8	Nil	Nil
7	71021	Prov. of Ont. Bldg., S.S. Marie	4	.04	.11	.19	.32	.62	1.26	0.3	2.0	0.9	5	Nil
	75018	649 Cassells St. North Bay	10	.04	.13	.21	.35	.64	1.46	0.3	2.8	1.2	5	Nil
	77016	Ash St. Water Tank, Sudbury	12	.02	.07	.13	.21	.46	.89	0.2	2.5	0.7	Nil	Nil

*Ontario Criteria (Ont. Regulation 133/70):

24 Hour Average: 1.0 COH/1,000 ft

1 Year Average: 0.45 COH/1,000 ft

NOTE: All values in COH/1,000 ft (Co-efficient of Haze per 1,000 feet)



Suspended particulate matter tape sampler and sulphur dioxide analyzer inside London air monitoring station.

Table 5/1970 Summary of Data: Total Oxidants*

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA	
				10	30	50	70	90	99		1-HR.	24-HR.	1-HR.	24-HR.
1	12008	471 University Ave. Windsor	11	.004	.012	.020	.032	.057	.106	.03	.16	.08	68	79
	14049	156 Victoria St. Sarnia	12	.003	.010	.016	.023	.037	.066	.02	.20	.07	8	20
	15001	King-Rectory London	2	.002	.005	.008	.013	.019	.038	.01	.06	.03	Nil	Nil
	16001	Horticultural Station, Simcoe	8	.002	.005	.009	.016	.031	.061	.02	.08	.07	Nil	6
2	29025	Barton-Wentworth Hamilton	9	.006	.015	.024	.036	.060	.105	.03	.20	.09	78	101
3	31001	67 College St. Toronto	7	.002	.006	.010	.016	.027	.048	.02	.07	.04	Nil	2
	34002	Science Centre North York	11	.003	.009	.017	.029	.060	.120	.03	.20	.14	100	63
	35003	Rathburn-Renforth Etobicoke	8	.003	.009	.017	.030	.052	.093	.03	.14	.08	9	27
7	77016	Ash St. Sudbury	9	.001	.004	.006	.009	.016	.029	.01	.17	.04	3	1

*Ontario Criteria (Ont. Regulation 133/70):

1 Hour Average: 0.10 ppm

24 Hour Average: 0.03 ppm

NOTE: All values in ppm (parts per million)

Table 6/1970 Summary of Data: Nitrogen Oxides*

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA	
				10	30	50	70	90	99		1-HR.	24-HR.	1-HR.	24-HR.
1	12008	471 University Windsor	12	.006	.018	.030	.047	.084	.167	.04	.55	.20	35	9
	14049	156 Victoria St. Sarnia	12	.004	.011	.019	.029	.047	.084	.03	.19	.08	Nil	Nil
	16001	Horticultural Station, Simcoe	8	.003	.008	.016	.031	.048	.116	.03	.18	.09	Nil	Nil
2	29025	Barton-Wentworth Hamilton	10	.004	.011	.028	.048	.092	.214	.04	.57	.19	46	9
3	31001	67 College St. Toronto	10	.012	.028	.044	.064	.106	.226	.06	.60	.21	61	13
	33002	Pharmacy-Hwy. 401 Scarborough	10	.003	.010	.022	.036	.071	.413	.04	.90	.38	104	11
	34002	Science Centre North York	7	.006	.021	.039	.067	.139	.289	.06	.55	.22	91	16
	34007	Bathurst-Wilson North York	8	.003	.009	.026	.059	.208	.563	.07	.84	.44	254	22
	35003	Rathburn-Renforth Etobicoke	7	.009	.029	.046	.065	.100	.228	.06	.55	.14	15	5
7	77016	Ash St. Water Tank, Sudbury	12	.002	.006	.011	.017	.028	.060	.02	.11	.06	Nil	Nil

*Ontario Criteria (Ont. Regulation 133/70):

1 Hour Average: 0.20 ppm

24 Hour Average: 0.10 ppm

NOTE: All values in ppm (parts per million)



High-volume samplers of suspended particulates (left) and effects package on roof of Ottawa air monitoring station.

Table 7/1970 Summary of Data: Carbon Monoxide*

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM		NUMBER OF TIMES ABOVE CRITERIA		
				10	30	50	70	90	99		1-HR.	24-HR.	1-HR.	8-HR.	24-HR.
1	12008	471 University Ave. Windsor	10	4.1	5.0	5.6	6.3	7.6	11.0	6	21	10	Nil	1	5
	14049	156 Victoria St. Sarnia	10	0.3	0.8	1.5	2.4	4.2	8.5	2	18	7	Nil	Nil	Nil
	16001	Horticultural Station, Simcoe	9	0.3	0.8	1.6	3.0	5.8	11.6	3	15	13	Nil	Nil	6
2	29025	Barton-Wentworth Hamilton	12	0.5	1.7	2.8	4.2	6.8	13.3	4	55	14	2	5	10
3	31001	67 College St. 5th Floor, Toronto	12	0.3	1.0	1.6	2.5	4.6	8.0	3	24	8	Nil	Nil	Nil
	31081	67 College St. 1st Floor, Toronto	10	0.8	2.5	4.1	6.0	10.7	19.3	6	33	16	Nil	17	25
	34002	Science Centre North York	12	0.6	1.8	2.8	4.0	5.9	9.0	4	19	9	Nil	Nil	3
	34007	Bathurst-Wilson North York	5	0.4	1.2	2.9	5.0	7.7	11.8	4	17	9	Nil	Nil	1
	35003	Rathburn-Renforth Etobicoke	12	0.4	1.2	1.9	2.9	4.7	8.3	3	14	10	Nil	Nil	1
	35033	Evans-Arnold Etobicoke	12	2.1	4.1	5.7	7.3	9.9	14.6	6	26	15	Nil	7	57
7	77016	Ash St. Sudbury	12	0.2	0.5	0.9	1.6	3.4	7.5	2	30	10	Nil	Nil	1

*Ontario Criteria (Ont. Regulation 133/70):

1 Hour Average: 40 ppm

8 Hour Average: 15 ppm

24 Hour Average: 8 ppm

NOTE: All values in ppm (parts per million)

Table 8/1970 Summary of Data: Total Hydrocarbons*

REGION	STATION NUMBER	LOCATION	NO. OF MONTHS	PERCENTILES						ARITHMETIC MEAN	MAXIMUM	
				10	30	50	70	90	99		1-HR.	24-HR.
1	12008	471 University Ave. Windsor	11	1.08	1.48	1.80	2.13	2.75	4.67	1.9	8.8	3.6
	14049	Victoria St. Sarnia	12	1.15	1.74	2.16	2.73	3.72	7.10	2.4	18.3	6.4
	15001	King-Rectory London	3	1.16	1.45	1.66	1.98	2.46	3.58	1.8	5.3	2.7
	16001	Horticultural Station, Simcoe	6	0.70	1.10	1.54	2.11	3.18	4.07	1.8	7.9	3.8
2	29025	Barton-Wentworth Hamilton	12	0.98	1.55	1.98	2.52	3.28	5.14	2.2	9.7	5.2
3	31001	67 College St. 5th Floor, Toronto	12	0.81	1.34	1.74	2.16	2.80	5.34	1.9	12.0	5.4
	31081	67 College St. 1st Floor, Toronto	12	0.90	1.30	1.70	2.16	3.07	4.87	1.9	8.0	5.9
	33002	Pharmacy-Hwy. 401 Scarborough	7	0.92	1.54	2.03	2.60	3.66	4.52	2.2	7.6	4.2
	34002	Science Centre North York	12	0.84	1.18	1.52	1.92	3.35	6.37	1.9	12.7	5.7
	34007	Bathurst-Wilson North York	6	0.80	1.23	1.70	2.15	3.05	4.65	1.9	6.0	4.4
	35003	Rathburn-Renforth Etobicoke	12	0.92	1.21	1.50	1.91	2.57	3.96	1.7	8.2	3.8
	35033	Evans-Arnold Etobicoke	12	1.24	1.72	2.00	2.53	3.83	5.69	2.4	7.5	5.5
7	77016	Ash St. Water Tank, Sudbury	12	0.83	1.35	1.83	2.36	3.49	5.22	2.1	18.0	7.5

*No existing criteria

NOTE: All values are in ppm (parts per million)



Sulphation candles on roof of building in downtown Toronto.

CA20N
EV 665

A35
v.2



Air Quality Monitoring Report

Volume 2

Ontario / 1970

Report on Continuous Air Quality Monitoring Stations

Volume 2

1970



Ministry of the Environment
Air Management Branch

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2	22012	Reeve's House Port Maitland	7	37
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	29008	North Park Hamilton	4	45
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3	31001	67 College St. 5th Floor, Toronto	12	55
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	31081	67 College St. 1st Floor, Toronto	12	82
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SOILING INDEX

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3	31001	67 College St.		
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4	46001	Toronto Airport Peel County	6	367
	46025	Mississauga Public Library, Peel Co.	10	371
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	46038	Brampton Peel County	12	384
	48001	Hwys. 7 & 400 York County	10	391
5	52015	797 Princess St. Kingston	8	397
	56061	Memorial Park Cornwall	3	402
6	63015	1111 Victoria Ave. Thunder Bay	8	405
7	71021	Prov. of Ont. Bldg., S.S. Marie	4	410
	75018	649 Cassells St. North Bay	10	413
	77016	Ash St. Water Tank, Sudbury	12	419

TOTAL OXIDANTS

1	12008	471 University Ave. Windsor	11	427
	14049	156 Victoria St. Sarnia	12	434
	15001	King-Rectory London	2	441
	16001	Horticultural Station, Simcoe	8	443
2	29025	Barton-Wentworth Hamilton	9	448
3	31001	67 College St. Toronto	7	454
	34002	Science Centre North York	11	459
	35003	Rathburn-Renforth Etobicoke	8	466
7	77016	Ash St. Sudbury	9	471

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	14049	156 Victoria St. Sarnia	12	484
	16001	Horticultural Station, Simcoe	8	491
2	29025	Barton-Wentworth Hamilton	10	496
3	31001	67 College St. Toronto	10	502
	33002	Pharmacy-Hwy. 401 Scarborough	10	508
	34002	Science Centre North York	7	514
	34007	Bathurst-Wilson North York	8	519
	35003	Rathburn-Renforth Etobicoke	7	524
7	77016	Ash St. Water Tank, Sudbury	12	529

CARBON MONOXIDE

1	12008	471 University Ave. Windsor	10	537
	14049	156 Victoria St. Sarnia	10	543
	16001	Horticultural Station, Simcoe	9	549
2	29025	Barton-Wentworth Hamilton	12	555
3	31001	67 College St. 5th Floor, Toronto	12	562
	31081	67 College St. 1st Floor, Toronto	10	569
	34002	Science Centre North York	12	575
	34007	Bathurst-Wilson North York	5	582
	35003	Rathburn-Renforth Etobicoke	12	586
	35033	Evans-Arnold Etobicoke	12	593
7	77016	Ash St. Sudbury	12	600

TOTAL HYDROCARBONS

Region	Station Number	Location	No. of Months	Page
1	12008	471 University Ave. Windsor	11	607
	14049	Victoria St. Sarnia	12	614
	15001	King-Rectory London	3	621
	16001	Horticultural Station, Simcoe	6	624
2	29025	Barton-Wentworth Hamilton	12	628
3	31001	67 College St. 5th Floor, Toronto	12	635
	31081	67 College St. 1st Floor, Toronto	12	642
	33002	Pharmacy-Hwy. 401 Scarborough	7	649
	34002	Science Centre North York	12	654
	34007	Bathurst-Wilson North York	6	661
	35003	Rathburn-Renforth Etobicoke	12	665
	35033	Evans-Arnold Etobicoke	12	672
7	77016	Ash St. Water Tank, Sudbury	12	679

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	2	2	2	2	2	3	2	2	3	3	3	2	2	2	3	3	5	5	4	4	3
2	3	2	2	2	1	4	7	10	3	6	4	4	3	4	2	2	3	3	2	2	2	2	2	5	3
3	4	6	5	4	10	20	15	10	12	21	21	19	16	13	9	11	16	10	14	14	13	13	15	12	13
4	14	15	21	12	14	17	24	16	13	11	15	33	15	5	9	14	5	6	3	4	4	11	8	15	13
5	15	9	16	12	6	5	7	****	****	****	20	16	15	8	8	10	6	4	6	6	3	4	5	7	9
6	5	7	7	4	2	8	6	4	5	5	3	4	4	5	4	3	3	2	3	4	4	4	4	3	4
7	3	2	1	3	2	2	2	3	10	10	9	10	10	10	5	42	32	32	28	28	10	14	12	18	12
8	14	20	20	24	8	26	26	26	22	23	24	****	1	****	6	10	6	7	9	6	5	10	10	6	15
9	6	7	6	6	5	4	6	6	6	7	8	5	5	7	10	12	10	6	7	6	7	6	4	7	1
10	2	2	8	0	1	2	2	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	2	1	1
11	1	3	4	4	4	5	0	3	5	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12																									
13																									
14	****	****	****	****	****	****	****	****	****	****	16	****	****	4	4	4	2	2	2	2	2	1	1	2	****
15	4	2	1	2	2	1	1	0	0	3	2	****	****	9	0	0	3	3	2	2	2	2	2	2	2
16	2	2	2	2	1	1	8	6	7	7	7	5	****	7	9	6	7	5	3	3	6	3	4	5	5
17	2	2	2	0	1	1	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1
18	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
19	2	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	3	4	3	1	2	5	3	2	2
20	4	2	3	2	2	4	0	0	1	6	3	5	6	7	7	7	7	6	2	1	****	****	****	****	4
21	****	****	****	****	****	****	****	2	3	2	3	4	2	2	3	3	2	2	1	1	1	4	13	13	4
22	8	4	7	9	7	4	2	2	2	3	8	9	6	30	50	38	21	14	11	9	7	9	6	6	11
23	4	5	4	3	1	0	2	2	1	2	4	4	4	4	3	2	2	2	2	2	1	2	4	4	3
24	3	3	5	5	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	5	2	0	0	0	1	2	3	4	8	8	7	8	8	8	5	4	3	2	6	9	2	5	8	8
27	2	2	2	1	1	0	1	1	1	3	13	9	7	5	6	5	5	4	1	1	7	10	1	1	4
28	1	0	0	0	0	0	1	2	3	2	0	0	1	1	0	0	0	0	1	5	25	18	17	3	3
29	9	4	6	10	5	3	6	6	6	3	2	1	2	1	1	1	0	0	0	0	0	0	1	0	3
30	1	1	2	5	6	4	3	5	7	****	2	2	14	13	13	11	7	8	17	15	15	12	10	11	8
31	15	7	3	2	2	4	7	13	24	45	49	46	32	28	30	37	32	41	52	38	23	41	28	23	26
MEAN	5	4	5	4	4	4	5	5	5	7	8	8	6	7	7	8	6	6	6	6	5	7	6	6	6

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	13	9	7	25	26	11	16	20	14	24	19	4	2	3	3	3	0	0	0	1	0	0	0	9
2	0	0	0	0	0	0	0	0	0	3	2	2	2	1	1	1	0	1	2	1	1	0	1	2	1
3	2	1	1	1	3	2	3	5	4	2	****	3	3	5	4	4	5	1	7	5	5	2	1	1	3
4	4	5	5	7	13	17	14	8	3	6	5	3	****	****	2	2	3	2	2	2	2	1	2	3	5
5	3	4	4	5	4	4	5	16	44	44	51	23	12	11	11	10	9	9	14	18	9	8	3	2	13
6	3	3	3	2	2	2	3	3	3	5	7	4	****	****	9	8	4	2	2	2	2	3	4	1	4
7	1	2	3	4	5	4	4	3	6	7	6	4	1	0	1	1	1	1	1	1	3	2	4	3	3
8	4	6	7	7	7	10	11	12	11	10	11	13	12	10	17	14	15	13	17	18	13	11	8	10	11
9	9	8	8	8	9	9	8	8	8	8	8	7	8	7	6	6	6	6	6	6	6	6	6	6	7
10	8	7	6	5	6	6	2	5	4	4	4	6	5	6	7	4	6	7	4	2	4	2	4	3	5
11	3	2	3	2	2	2	2	2	2	3	3	2	3	3	0	****	1	0	0	0	0	3	2	2	2
12	2	2	2	2	3	3	4	8	6	6	6	7	4	7	7	14	26	9	6	6	5	18	5	9	7
13	4	1	1	1	2	5	5	6	8	6	6	6	3	7	4	14	3	4	3	3	4	5	5	4	3
14	3	2	4	2	4	2	3	2	2	2	1	1	2	2	2	2	2	2	1	1	4	4	1	1	2
15	1	2	7	7	6	2	6	8	10	11	9	4	4	3	2	4	4	5	5	6	4	6	6	0	2
16	5	6	3	3	2	3	3	2	3	2	2	2	2	2	0	4	0	0	0	0	0	2	0	0	5
17	0	0	2	2	2	2	4	2	4	18	14	16	12	7	6	5	4	3	2	2	5	3	2	0	5
18	0	0	0	2	2	2	6	5	16	8	34	40	20	24	28	10	3	3	3	3	3	2	3	2	9
19	2	3	0	0	0	0	0	0	0	3	4	3	2	0	0	0	0	3	8	4	8	9	8	8	3
20	5	4	5	5	5	6	7	7	6	5	5	4	3	6	6	4	4	2	0	4	4	7	10	12	5
21	12	12	12	11	10	12	10	13	16	10	12	11	6	6	6	4	2	3	7	20	4	2	2	10	9
22	8	10	7	6	8	6	5	8	12	8	7	8	5	7	5	4	3	4	1	0	0	0	0	0	5
23	0	0	2	1	2	2	2	3	2	0	0	0	4	3	4	5	2	3	3	0	2	0	26	8	4
24	4	12	10	10	7	15	14	14	14	15	8	10	9	4	6	5	7	7	8	2	2	9	3	3	8
25	3	0	1	7	3	0	0	0	0	0	0	0	****	****	****	****	****	4	3	4	4	5	5	5	2
26	4	3	4	5	6	6	4	4	3	3	5	4	4	4	4	4	3	6	16	9	14	5	4	4	5
27	3	3	3	20	30	32	10	6	5	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	6
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	4	4	4	5	6	7	5	6	8	8	9	8	6	5	5	5	5	4	4	4	4	5	4	4	5

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	1	1	1	0	1	1	1	2	1	0	0	1	2	1	1	1	1	0	0	1	1	2	2	1	1
5	0	0	0	0	0	0	0	1	2	4	3	3	3	2	1	1	0	0	0	0	0	0	1	1	1
6	2	3	1	1	1	0	1	1	2	1	5	6	10	18	***	2	1	1	2	2	1	0	5	6	3
7	3	0	0	0	0	2	1	1	2	6	12	7	6	5	10	4	2	5	6	1	4	1	0	0	3
8	1	0	0	0	0	0	1	1	3	2	1	2	5	5	4	2	2	1	0	0	1	3	4	4	2
9	1	3	1	1	2	1	1	1	1	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	- DATA MISSING -																								
11	- DATA MISSING -																								
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	1	0	0	0	***
13	1	2	2	2	0	0	0	0	0	0	0	2	2	6	3	7	2	2	2	2	0	2	3	2	2
14	3	2	1	1	0	0	0	1	3	2	2	1	0	2	2	1	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
16	0	1	0	0	0	0	0	0	2	***	5	4	4	4	4	2	6	5	3	2	3	4	9	7	3
17	4	5	4	2	2	2	2	3	9	***	***	13	9	4	3	2	1	1	1	0	2	3	1	1	3
18	0	2	0	0	0	0	0	0	***	***	***	***	0	0	2	2	2	2	3	3	3	4	4	4	2
19	2	4	4	4	4	***	***	***	***	***	***	11	9	6	4	4	3	3	2	2	2	2	2	2	4
20	2	***	2	***	***	***	***	***	***	***	4	8	7	***	11	20	12	28	40	52	46	30	6	6	***
21	6	***	***	4	2	2	2	0	0	1	1	0	0	***	***	***	***	***	***	***	0	0	0	0	***
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	***	***	2	4	4	4	4	4	4	4	6	5	5	3	6	3
24	12	12	7	8	6	6	6	6	9	2	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***
25	- DATA MISSING -																								
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	7	8	8	8	9	***
27	8	6	7	6	6	12	12	14	10	7	5	7	14	6	12	24	16	8	14	11	4	4	6	6	9
28	2	2	***	***	***	***	26	16	4	4	4	4	6	8	6	2	***	***	***	***	2	2	4	4	6
29	2	1	***	***	***	***	***	***	***	***	2	2	1	1	3	2	2	2	2	1	1	1	2	2	2
30	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
31	0	0	1	0	1	2	2	3	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	1	2	3	3	3	2	3	4	4	4	4	4	3	3	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA MISSING -																								
2	- DATA MISSING -																								
3	- DATA MISSING -																								
4	- DATA MISSING -																								
5	- DATA MISSING -																								
6	- DATA MISSING -																								
7	- DATA MISSING -																								
8	- DATA MISSING -																								
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	1	1	***
10	1	1	2	2	2	2	2	2	***	2	3	2	2	4	1	***	0	0	0	0	***	2	2	2	2
11	1	2	3	1	1	0	1	2	***	3	4	5	4	3	3	1	2	2	1	1	2	2	2	2	2
12	2	2	2	2	2	2	3	4	4	9	6	4	5	3	3	2	1	2	7	9	9	2	2	2	2
13	4	3	4	3	3	3	5	4	***	***	2	3	2	2	1	1	0	0	0	***	3	5	6	5	3
14	4	4	5	3	3	3	5	6	7	***	10	8	6	3	3	2	2	1	1	0	2	2	3	3	4
15	3	3	2	3	3	3	4	4	0	3	4	4	3	3	6	2	***	1	0	***	***	3	5	4	3
16	5	3	3	3	3	3	3	3	***	4	***	3	3	5	4	***	3	2	1	3	3	2	2	3	3
17	3	3	2	2	1	1	4	14	14	***	***	6	2	2	0	1	0	0	0	1	1	0	0	0	3
18	0	2	0	0	0	0	0	0	0	2	1	1	15	3	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	***	***	***	3	8	5	***	***	***	7	7	5	5	4	3	3	3
21	2	1	1	0	0	0	3	3	6	6	9	5	6	5	5	4	4	2	11	8	4	3	10	12	5
22	15	11	13	16	13	2	1	5	10	***	5	4	7	5	1	2	1	0	0	1	1	2	2	2	5
23	2	0	0	0	0	0	0	0	6	0	4	4	3	3	2	0	0	1	10	7	***	7	3	0	2
24	1	2	1	0	0	0	0	0	2	2	1	1	2	3	2	5	2	1	2	0	3	2	2	3	3
25	1	1	1	1	8	9	10	12	***	***	***	***	4	5	10	13	7	3	5	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	***	2	8	4	2	4	2	1	1	2	2	1	1	2
28	1	2	2	2	2	1	1	2	6	***	2	3	12	4	2	1	0	0	0	0	1	0	0	0	3
29	1	1	1	1	0	1	0	0	***	1	14	14	12	3	2	0	0	0	1	0	2	1	0	0	1
30	0	0	0	0	0	0	0	0	***	***	***	2	3	3	2	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	3	4	3	4	4	5	3	3	2	1	1	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	****	1	1	0	1	1	3	3	6	4	5	5	****	1	0	0	1
2	0	0	0	0	0	0	0	1	1	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
3	0	0	0	1	7	6	2	1	0	1	11	7	4	1	1	2	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	4	8	12	9	2	0	0	0	7	6	5	2	2	1	1	0	0	0	0	2
5	1	2	1	0	0	0	0	0	****	1	0	0	0	2	****	2	2	2	3	3	4	5	6	4	2
6	2	3	3	4	2	4	2	****	2	3	2	2	2	2	2	2	1	3	2	6	9	2	2	3	3
7	1	2	1	0	2	3	10	6	****	****	4	6	4	4	2	2	3	2	1	2	2	1	2	2	3
8	2	14	12	18	12	14	20	****	****	9	10	7	****	5	6	8	9	8	12	18	6	5	8	6	10
9	18	28	12	3	2	13	10	12	12	10	12	4	5	6	9	7	6	4	5	2	2	1	1	2	8
10	2	2	2	2	1	0	1	2	3	2	2	2	2	2	3	4	10	10	6	2	2	1	1	1	3
11	0	0	2	2	2	1	3	8	6	4	3	****	****	6	8	9	8	6	5	6	7	4	2	2	4
12	2	2	2	3	4	3	2	1	3	****	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	****	1	1	4	8	4	3	2	2	1	3	0	3	3	2	2	2
14	2	2	1	0	0	0	0	0	2	2	1	2	2	****	1	1	1	0	0	2	2	2	2	2	1
15	2	2	2	2	4	3	2	4	7	11	10	7	8	8	4	4	3	3	2	2	4	4	4	3	4
16	2	2	2	1	1	1	6	8	6	4	4	6	6	4	7	7	5	4	3	2	2	2	4	10	4
17	11	5	2	1	0	0	0	0	10	5	6	2	3	2	0	2	0	0	0	0	0	1	1	0	2
18	0	1	0	0	0	0	1	4	3	4	2	3	2	2	2	3	2	2	1	1	2	2	2	1	2
19	1	3	2	6	11	12	11	13	****	13	14	9	4	2	2	3	2	1	1	4	22	5	2	2	6
20	2	1	0	0	0	1	3	4	4	9	15	18	****	****	2	2	2	1	0	0	1	0	0	0	3
21	0	0	0	1	0	0	****	****	3	****	7	6	****	****	4	3	4	5	4	7	6	2	2	2	3
22	1	1	1	3	2	3	4	3	2	****	2	2	1	1	2	2	1	1	2	1	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	****	****	****	****	****	****	****	0	3	9	6	2	1	1	0	0	0	0	0	0	0	1
26	0	6	10	6	5	1	2	1	2	2	1	1	0	0	0	0	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	****	****	2	2	0	0	****	0	0	0	0	0	0	0	0	0	****
28	****	****	****	****	****	****	****	****	****	****	2	2	0	1	1	1	1	0	0	0	2	0	0	0	****
29	0	0	0	0	0	0	0	0	2	2	4	4	4	3	2	2	2	2	2	2	3	2	2	1	2
30	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1	1	0	0	0	1	1	0	0	1
31	0	0	0	0	0	0	0	0	1	1	2	1	1	1	3	2	1	0	0	1	1	0	0	0	1
MEAN	2	3	2	2	2	2	3	3	4	4	4	3	3	3	3	3	3	2	2	2	3	1	1	1	2

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH JUN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	2	4	4	3	4	2	1	1	1	2	0	0	2	0	0	0	1
2	0	0	0	0	0	0	0	0	1	2	1	0	1	1	6	18	7	3	2	1	2	1	0	0	2
3	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	2	1	0	0	0	1	0	0	0	1
4	0	0	0	1	1	0	0	1	2	2	****	1	0	1	1	1	0	1	****	****	****	****	****	****	1
5	****	****	****	****	****	****	****	****	1	4	7	9	16	10	16	11	8	13	8	3	1	0	0	0	7
6	0	0	0	1	2	1	1	1	1	3	10	6	4	4	2	2	2	3	1	0	1	1	0	0	2
7	0	0	0	0	0	0	0	6	11	10	2	0	0	0	0	0	0	0	0	0	1	0	0	0	1
8	0	0	2	1	1	0	1	1	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	4	3	2	6	6	7	3	4	2	2	2	1	0	1	0	0	0	2
10	0	0	0	0	0	0	0	1	7	12	27	9	7	3	4	3	4	2	1	0	1	0	0	0	3
11	0	0	0	0	0	1	2	5	2	4	3	6	4	1	1	1	1	1	0	0	1	1	1	1	2
12	0	0	0	0	0	0	0	1	3	2	7	18	8	5	6	9	7	8	5	2	****	9	22	12	5
13	3	4	1	2	1	0	0	1	4	3	4	4	4	3	4	4	2	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	3	2	2	2	2	2	1	0	0	1
15	0	0	0	0	0	0	0	0	0	1	1	0	8	24	19	5	5	6	4	3	2	1	0	0	3
16	0	0	0	0	2	2	2	4	2	0	1	2	1	1	1	2	1	1	0	0	2	0	0	0	1
17	0	0	0	0	0	1	0	0	0	0	0	2	3	3	3	3	1	1	1	0	4	1	0	0	1
18	0	0	0	0	0	0	0	0	10	7	5	5	0	0	0	0	0	0	0	0	0	0	2	2	1
19	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	2	4	1	1	0	0	0	0	0	2	1	2	3	2	1	2	1	1	2	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	1	1	1	0
22	1	2	2	2	2	1	1	1	1	1	1	1	1	2	3	4	2	3	2	1	5	2	1	4	2
23	3	2	2	2	1	2	3	9	16	15	12	7	3	3	3	3	8	1	1	0	1	0	0	0	4
24	0	1	2	9	13	15	19	17	25	19	16	3	6	10	4	8	2	1	0	0	1	1	3	3	7
25	0	0	0	0	0	0	0	5	10	0	0	1	5	12	10	2	2	1	2	2	5	6	8	5	3
26	0	0	1	2	2	1	0	3	5	5	8	8	1	3	2	1	1	0	0	2	5	5	3	6	3
27	4	1	0	1	1	1	1	4	3	3	1	1	0	0	1	1	0	2	1	1	1	0	0	0	1
28	0	0	0	0	0	0	0	7	17	10	11	11	11	8	10	5	2	2	3	1	1	1	1	1	4
29	3	0	0	2	3	2	1	0	2	4	1	1	1	2	11	10	14	11	6	10	18	17	11	8	6
30	9	4	4	3	0	1	0	2	3	2	2	2	2	2	2	2	10	25	18	16	23	30	15	9	8
MEAN	1	1	1	1	1	1	1	3	5	4	5	4	4	3	4	3	3	3	2	2	3	3	2	2	2

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	11	9	7	5	3	1	8	8	5	3	3	2	1	2	6	6	3	3	4	3	3	3	5
2	1	1	1	0	1	1	1	3	6	9	8	6	3	4	5	8	9	12	6	1	7	1	0	1	4
3	0	2	0	0	3	4	3	2	9	4	2	2	2	7	5	3	3	2	1	2	2	1	0	0	2
4	2	1	1	1	0	0	0	0	0	0	0	1	0	0	2	1	1	0	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	5	4	1	0	1
6	0	0	1	1	2	1	2	4	8	3	1	2	1	1	1	1	1	0	2	1	1	0	0	0	1
7	0	0	0	0	0	4	7	13	12	13	11	9	7	5	5	5	4	10	3	1	2	2	1	1	5
8	0	1	0	0	1	1	1	1	3	4	3	1	0	1	1	1	1	1	1	0	1	1	0	0	1
9	0	0	0	0	0	1	1	1	4	4	3	5	4	3	3	1	1	1	1	1	0	8	16	8	3
10	2	1	2	1	1	1	1	0	3	13	9	6	2	1	2	1	0	0	0	0	0	1	1	1	2
11	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	0	1	2	1	1	1	2	1	1	1
12	1	0	0	1	0	0	0	1	6	3	5	9	9	7	6	4	3	2	1	1	2	2	2	2	3
13	1	1	1	0	1	1	0	0	5	****	3	5	13	13	7	4	7	3	2	3	3	2	1	0	3
14	0	0	0	0	1	1	1	1	6	5	5	4	6	6	4	10	30	3	3	2	1	1	1	0	4
15	0	12	3	3	3	2	2	3	18	22	16	11	7	15	12	0	5	29	22	0	3	11	16	13	10
16	3	2	2	2	2	2	2	2	3	3	3	3	2	2	1	1	1	0	2	3	2	2	5	5	2
17	1	5	13	17	16	19	21	20	15	7	4	4	5	7	6	9	10	9	8	14	12	21	33	27	13
18	23	3	8	10	2	1	3	3	7	****	15	13	19	12	12	7	5	4	3	1	6	15	3	1	8
19	0	0	0	0	0	0	0	0	0	1	1	1	3	5	13	17	25	15	14	3	4	4	12	2	5
20	10	7	4	2	1	0	0	0	2	3	2	1	1	1	****	****	0	0	0	0	0	0	1	5	2
21	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	1	1	2	1	0	1	1	0	1
22	0	0	1	1	2	2	2	3	3	5	5	8	6	5	4	3	5	6	2	2	1	3	1	1	3
23	1	1	1	1	1	2	2	4	4	4	2	3	3	5	5	2	2	3	3	1	2	2	1	1	2
24	1	1	0	0	0	0	0	0	28	21	14	9	6	5	7	5	3	3	2	1	0	2	2	2	5
25	1	1	1	1	1	1	1	1	2	8	2	1	3	19	18	11	5	6	5	5	4	5	4	3	5
26	3	2	2	2	1	1	1	3	4	****	14	11	11	7	9	6	8	8	5	4	4	5	3	2	5
27	2	2	1	1	1	0	0	0	9	26	12	7	****	5	3	3	2	2	2	1	1	4	4	4	4
28	1	0	0	2	6	7	7	8	8	19	18	23	15	20	15	6	5	3	2	3	7	9	5	3	8
29	2	3	4	2	2	1	1	1	3	13	13	19	41	11	11	9	9	9	7	5	3	6	5	4	8
30	4	3	3	3	3	3	6	7	4	5	7	17	9	5	6	5	6	11	10	7	5	7	5	5	6
31	5	4	3	3	3	3	3	2	2	3	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	2	2	2	2	2	2	2	3	6	8	6	6	6	6	6	4	5	5	4	2	3	4	4	3	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0
4	****	****	****	****	****	****	****	****	****	****	1	0	0	0	0	1	1	0	0	0	0	0	0	0	****
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	2	0	0	0	1	0	0	0
6	0	0	0	7	6	2	0	0	3	12	9	9	7	7	8	8	4	4	3	3	4	7	0	0	4
7	0	0	0	0	0	0	0	1	1	****	5	6	7	7	2	1	1	1	0	0	0	1	1	0	1
8	0	0	0	0	0	0	0	0	0	2	3	3	3	3	2	1	0	0	1	0	0	5	2	1	1
9	0	0	0	0	0	0	0	0	0	4	2	2	3	3	3	3	3	2	2	1	1	2	2	1	1
10	0	0	0	0	0	0	0	0	1	5	5	5	5	4	4	2	2	3	2	1	1	5	3	2	2
11	****	****	****	****	****	****	****	****	****	****	10	7	6	8	4	2	4	6	7	6	7	16	9	7	****
12	2	1	2	1	1	4	4	2	1	4	3	3	3	3	3	3	3	3	3	2	9	5	4	3	
13	3	1	0	0	0	0	0	0	0	3	3	3	3	3	3	5	5	3	3	1	0	3	1	1	2
14	0	0	0	0	0	0	1	2	1	7	5	5	9	16	8	8	7	5	3	2	3	2	2	4	4
15	1	1	1	0	0	0	0	0	2	9	27	14	9	5	5	7	6	6	5	4	2	6	4	2	5
16	2	3	3	3	2	15	11	9	10	26	10	7	7	6	5	5	3	3	1	1	0	2	1	0	6
17	0	0	0	0	0	0	0	1	1	1	1	1	****	0	0	0	2	3	12	12	6	0	0	0	2
18	0	0	0	0	0	0	0	0	0	4	3	3	3	2	2	2	2	1	0	0	1	0	0	0	1
19	0	0	0	0	0	0	0	0	1	5	8	4	4	1	3	7	13	13	1	0	****	0	0	0	3
20	0	1	7	7	6	7	1	0	3	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	1	1	3	3	2	0	2	2	2	2	3	3	2	1	1	1	2	2	3	2	2	2
22	0	0	0	0	0	0	0	0	0	3	3	3	3	2	1	0	0	0	0	0	1	5	2	2	1
23	1	1	0	0	0	0	0	0	0	5	4	3	3	3	2	2	1	1	1	1	1	3	2	2	2
24	1	2	2	5	6	1	0	1	5	6	4	4	2	1	0	0	0	0	0	0	2	1	0	2	2
25	0	0	0	0	0	0	0	0	7	21	9	6	5	7	7	7	6	5	3	2	1	4	2	1	4
26	1	1	9	6	6	5	3	1	16	14	13	44	35	17	14	24	15	5	4	8	2	4	2	2	10
27	2	2	2	1	2	1	0	0	7	43	29	22	45	30	19	8	6	5	7	7	6	19	27	22	13
28	23	19	22	22	24	22	22	29	22	22	8	16	11	4	4	4	4	4	4	9	6	11	11	7	14
29	5	4	1	1	0	0	0	0	0	15	12	13	5	2	2	1	2	2	0	0	0	1	0	0	3
30	0	0	0	0	6	13	16	16	19	25	17	23	23	12	11	13	15	6	5	3	5	4	3	10	10
31	3	1	1	0	0	0	0	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	2	2	2	3	2	2	3	9	6	7	7	5	4	4	3	3	2	2	2	4	3	2	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	2	***	2	0	1	4	3	2	2	2	2	2	2	4	3	2	1
3	2	1	1	1	2	1	1	1	3	6	5	3	3	2	2	2	2	5	12	1	0	5	2	4	3
4	23	9	3	3	2	2	5	8	6	5	3	3	3	3	2	0	0	0	0	0	0	1	0	0	3
5	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	2	0	0	0	1	1	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	2	1	1	0
7	0	0	0	0	0	0	0	0	0	2	1	0	1	1	1	2	2	2	2	2	1	1	0	0	1
8	0	0	0	0	0	0	0	0	17	17	28	4	2	2	1	1	1	0	0	0	0	0	2	2	3
9	1	1	0	0	0	0	0	0	1	8	9	6	3	4	1	1	1	1	1	1	0	1	0	0	2
10	0	0	0	1	2	3	10	8	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	2	5	1	0	1	1	1	2	4	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	17	9	3	2	3	3	2	5	8	2	1	1	1	1	1	1	3
13	12	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	***	0	0	0	0	0	1	0	0	0	0	0	1	***	***	0
15	***	***	***	***	***	***	***	***	1	***	3	4	3	4	3	5	4	9	6	3	3	6	***	***	***
16	***	***	***	***	***	***	***	***	0	***	2	2	4	5	6	6	6	5	6	4	4	4	5	2	3
17	2	1	1	1	1	1	1	0	1	5	4	4	5	5	9	7	6	5	5	3	3	3	3	2	3
18	3	2	2	2	2	1	0	0	0	3	2	2	3	3	2	2	1	1	1	1	2	3	3	2	3
19	1	0	0	0	0	0	0	0	2	6	7	8	9	9	14	9	8	7	3	2	2	3	3	3	4
20	3	1	1	1	1	0	0	0	1	14	5	4	4	4	4	4	3	3	3	2	1	12	2	1	3
21	0	0	0	0	0	0	0	0	1	10	21	20	12	23	13	16	10	30	3	2	3	11	3	2	8
22	2	5	6	4	10	9	11	14	13	19	23	30	***	7	2	2	1	0	0	0	0	11	0	0	7
23	0	0	0	1	0	0	0	0	0	2	1	2	7	3	8	5	3	4	4	1	0	0	0	0	2
24	0	0	0	0	0	0	0	0	1	2	***	4	4	3	1	2	1	1	11	29	12	13	9	8	5
25	7	1	0	0	0	0	0	0	1	1	4	8	6	9	14	16	5	4	3	1	0	2	1	1	4
26	0	0	0	0	0	0	1	1	0	1	4	4	1	1	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	2	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	14	16	8	***	1	***	1	1	0	0	1	2	4	2	19	3
30	7	0	0	0	0	0	0	1	***	2	1	0	1	0	1	0	0	0	0	2	0	0	0	0	1
MEAN	2	1	1	1	1	1	1	1	3	6	5	4	3	3	3	3	3	3	3	1	1	2	1	2	2

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	3	4	1	1	1	2	3	2	2	3	5	3	1	1	2	4	2	0	0	0	0	0	2
2	0	0	1	0	1	0	1	1	8	53	42	16	2	1	0	0	0	0	3	9	9	0	7	6	7
3	10	7	4	8	6	4	***	***	56	7	0	0	0	1	2	***	***	***	***	***	***	1	2	5	7
4	5	16	14	8	0	24	15	5	56	14	2	2	1	1	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	0	1	1	0	1	4	2	1	0	3	2	2	6	4	4	***
6	2	0	0	0	0	0	0	0	1	4	7	6	7	10	8	7	3	3	1	1	0	1	1	0	3
7	0	0	0	0	0	0	1	0	3	8	12	9	7	8	2	2	1	1	1	0	1	1	1	0	2
8	0	0	0	0	1	1	1	1	2	3	4	3	3	4	3	2	1	2	2	2	1	2	2	2	2
9	1	2	1	1	1	0	0	0	0	1	3	2	3	3	2	0	0	0	0	0	0	0	0	0	1
10	0	8	24	10	7	14	6	5	0	4	13	3	2	2	6	1	0	0	***	***	***	***	***	***	6
11	1	0	0	0	0	0	0	0	18	5	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1
12	0	0	0	0	0	2	5	3	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
13	1	0	0	0	0	0	0	0	0	0	0	0	1	1	3	6	4	3	1	0	0	1	1	0	1
14	0	1	0	0	0	0	0	2	1	1	3	2	4	3	1	0	0	0	0	0	0	1	1	1	1
15	0	1	2	1	1	0	0	0	0	6	4	4	2	2	3	2	1	1	1	0	0	1	0	0	1
16	0	0	1	1	0	0	1	1	1	1	1	0	1	2	2	1	0	0	0	0	0	3	4	1	1
17	3	1	0	0	1	2	2	4	16	13	5	3	2	2	6	6	1	2	4	5	9	8	14	29	6
18	13	14	11	7	11	28	12	4	4	2	2	6	4	3	2	1	1	1	0	0	1	1	1	1	5
19	0	1	1	1	1	0	0	1	1	4	6	9	22	29	***	9	3	1	2	2	0	1	1	0	4
20	0	1	1	1	0	1	0	0	3	7	5	5	3	2	1	0	0	0	0	0	0	1	1	1	1
21	0	0	1	1	1	0	0	0	1	3	3	4	2	5	17	10	12	1	0	0	0	1	1	0	3
22	0	0	0	0	0	0	0	1	4	7	5	4	4	4	3	3	1	3	2	1	1	2	2	2	2
23	1	1	1	1	2	1	0	1	2	4	4	5	6	5	4	5	5	7	2	2	1	5	3	2	3
24	2	1	0	1	1	2	1	1	1	3	3	2	3	2	1	1	1	0	0	0	0	1	1	1	1
25	0	1	1	2	1	1	0	1	1	3	3	3	3	4	2	2	3	1	1	0	0	0	0	0	1
26	0	0	0	0	0	0	1	1	1	2	2	3	3	4	2	1	1	1	1	1	1	1	1	1	1
27	0	0	1	1	2	5	6	4	2	4	8	5	5	5	3	3	2	1	1	0	0	4	2	2	3
28	1	1	1	1	0	0	0	0	1	4	3	3	2	1	2	2	3	2	2	2	2	1	0	0	1
29	4	4	2	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1
30	0	0	0	0	0	0	0	0	0	1	1	1	3	2	4	***	1	1	1	1	2	1	1	1	1
31	0	0	0	0	0	0	0	0	0	0	1	1	2	6	4	7	2	11	11	9	15	14	8	1	4
MEAN	2	2	2	2	1	3	2	1	6	5	5	3	3	4	3	3	2	2	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	1	3	13	11	9	14	11	1	1	0	0	1	2	1	3
2	1	1	0	0	1	1	2	1	2	4	4	5	3	2	2	1	0	0	0	0	0	1	1	0	1
3	1	1	19	9	7	4	9	6	2	3	3	5	2	1	0	0	12	3	1	0	1	1	1	1	4
4	1	1	1	1	0	0	0	0	0	1	5	12	7	6	3	4	****	6	3	5	5	6	8	8	4
5	10	13	11	9	7	6	7	6	5	6	6	6	6	6	6	8	6	6	6	6	6	7	7	7	7
6	9	9	8	10	14	17	28	19	9	9	11	25	***	4	2	6	2	2	3	3	2	13	23	17	11
7	16	13	12	16	15	4	2	3	2	3	3	2	2	5	5	3	3	1	1	1	0	1	2	1	3
8	4	2	2	3	3	3	2	2	3	4	6	7	5	5	3	3	3	3	2	2	1	2	3	2	3
9	1	1	1	2	4	4	5	4	5	5	4	4	4	3	3	3	3	3	2	2	1	2	3	2	3
10	2	2	2	1	2	2	2	1	2	3	2	3	1	3	8	11	7	8	7	9	13	9	5	3	5
11	2	1	2	2	1	1	1	2	3	3	4	3	4	5	2	3	3	3	3	4	4	4	4	3	3
12	3	4	3	3	4	5	3	4	4	5	5	4	3	3	3	5	4	4	4	4	8	8	7	4	4
13	6	4	7	7	8	9	8	8	8	8	5	4	3	5	3	4	1	1	1	1	1	1	1	1	4
14	1	1	1	1	1	1	1	1	1	1	2	6	6	3	2	2	1	1	1	2	1	4	7	7	2
15	8	3	4	2	4	2	1	2	2	2	2	1	1	1	1	1	0	0	1	0	1	2	3	2	2
16	3	3	2	5	21	18	19	35	29	28	21	16	14	12	19	14	14	4	2	1	3	8	19	21	14
17	11	7	6	16	17	17	17	19	3	8	13	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	1	1	2	2	2	3	4	5	6	5	6	7	5	4	3	3	2	2	2	1	1	2	1	3	3
19	1	2	6	6	3	3	3	3	4	6	7	6	6	6	8	9	1	0	0	0	0	1	3	4	4
20	4	6	6	3	1	2	2	1	1	1	2	2	1	4	11	21	13	12	8	6	4	10	2	1	5
21	0	0	0	0	0	0	8	22	35	20	25	4	4	3	3	1	0	0	0	0	0	1	1	6	6
22	4	4	2	1	0	0	1	1	1	1	2	4	6	13	8	17	13	1	23	3	3	18	17	19	7
23	14	15	13	12	12	8	11	9	13	6	4	13	5	5	5	3	0	0	0	0	0	1	4	5	7
24	2	2	2	1	3	2	2	1	1	2	3	3	3	7	4	0	8	11	10	10	20	25	15	6	6
25	31	25	13	7	2	3	5	3	0	2	3	3	2	3	***	***	1	1	1	0	0	1	1	1	5
26	0	0	0	0	1	4	4	2	2	2	4	5	3	2	2	1	0	0	0	1	1	2	2	1	2
27	4	2	0	1	0	0	0	0	1	3	1	1	2	2	2	2	1	1	1	0	0	1	2	2	1
28	2	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
29	2	2	3	2	1	1	1	1	0	1	1	1	0	0	1	6	13	13	2	2	3	2	2	2	3
30	2	***	***	***	***	3	3	4	4	5	8	7	5	2	2	1	0	0	2	2	2	***	***	***	3
MEAN	5	4	4	4	5	4	5	5	5	5	6	6	4	4	4	5	4	3	3	2	2	5	6	5	4

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	9	6	4	3	2	4	5	3	3	4	6	7	6	6	6	5	13	****	****	****	5
2	****	****	****	****	1	1	22	24	3	3	6	4	3	3	3	6	1	1	1	2	1	****	****	****	5
3	****	****	****	****	****	4	0	****	****	8	8	4	2	****	2	1	0	0	0	0	10	40	22	6	****
4	1	1	1	1	1	2	1	4	0	2	2	4	5	3	3	4	2	2	1	1	1	1	1	1	2
5	1	1	1	0	0	0	1	3	6	12	3	10	25	24	17	11	0	0	0	0	0	0	0	1	5
6	1	1	1	2	2	1	1	1	0	0	****	****	1	1	1	0	0	0	0	0	0	1	1	1	1
7	1	0	0	0	0	0	0	2	7	10	5	4	12	31	16	6	2	1	0	0	1	2	2	1	4
8	1	2	2	4	7	7	7	7	7	7	8	38	24	4	2	2	2	2	2	2	2	3	4	4	6
9	5	4	2	6	14	19	17	54	63	47	26	10	4	3	3	7	3	1	1	1	1	2	5	2	13
10	1	1	1	1	1	1	1	0	2	5	14	6	4	5	5	7	6	4	5	5	6	6	2	2	4
11	2	2	2	1	1	2	1	1	1	3	9	3	2	2	2	3	4	4	1	3	4	4	4	4	3
12	3	4	3	3	2	2	2	1	2	7	8	7	7	6	8	7	5	3	3	3	3	3	3	3	4
13	10	5	8	8	9	15	19	17	19	8	16	9	9	10	5	6	5	3	2	11	4	****	****	6	9
14	6	12	28	16	22	16	23	5	8	6	16	30	24	12	12	2	2	2	2	3	14	8	7	4	12
15	4	4	4	2	6	5	3	7	6	3	6	4	3	3	2	2	4	5	5	3	2	4	6	7	4
16	7	7	7	6	4	3	2	2	3	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	3
17	1	3	2	4	2	2	3	2	3	4	4	3	2	1	2	1	1	1	2	2	2	***	5	9	3
18	6	6	14	22	13	6	6	5	****	4	5	4	4	4	4	4	4	3	0	0	2	2	1	1	5
19	1	1	1	1	1	2	2	8	5	2	3	3	4	3	3	3	3	2	2	3	6	3	5	2	3
20	1	3	3	3	3	2	3	1	3	3	13	6	11	5	16	13	3	0	1	1	0	1	2	2	4
21	1	****	****	****	****	****	****	****	****	****	****	2	5	6	2	5	3	3	3	3	2	6	7	4	****
22	4	2	2	2	1	2	2	2	1	1	3	6	3	5	4	3	3	2	2	2	2	3	3	3	3
23	2	4	9	9	9	6	5	3	3	3	4	4	4	4	5	5	5	8	6	4	3	5	18	6	5
24	6	11	10	15	15	10	7	15	8	4	16	8	10	7	20	7	19	9	12	8	16	10	24	11	1
25	8	7	12	7	7	4	4	4	2	3	3	6	7	9	6	2	2	2	1	1	1	1	2	2	5
26	2	2	2	2	1	1	1	1	4	5	7	****	****	****	2	3	3	4	5	5	3	3	3	3	3
27	15	16	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	5	5	3	3	3	3	3	3
28	4	4	4	4	3	4	6	4	4	1	8	9	8	4	5	3	6	5	3	4	2	4	4	4	5
29	4	3	5	4	5	4	2	3	3	14	18	9	10	8	7	2	4	5	4	5	4	5	5	5	6
30	5	6	6	4	3	5	6	6	6	14	9	12	17	****	****	****	****	****	****	****	****	****	****	****	****
31	3	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	9	7	5	2	3	5	5	3
MEAN	4	4	5	5	5	5	6	6	6	7	7	6	8	7	5	5	3	3	3	3	3	5	5	5	5

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	6	26	52
FEB	28	5	13	51
MAR	28	3	9	52
APR	22	2	5	16
MAY	31	2	10	28
JUN	30	2	8	30
JUL	31	4	13	41
AUG	31	3	14	45
SEP	30	2	8	30
OCT	31	3	7	56
NOV	30	4	14	35
DEC	31	5	13	63
YEAR	352	4	26	63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	397	157	32	41	17	8	652
FEB	394	191	40	25	7	4	661
MAR	429	64	14	5	3	3	518
APR	400	61	12	3	0	0	476
MAY	567	87	20	7	1	0	682
JUN	594	70	15	23	2	0	704
JUL	525	136	36	32	6	1	736
AUG	547	105	20	32	7	3	714
SEP	592	69	16	13	4	0	694
OCT	605	71	16	10	3	4	709
NOV	485	132	37	36	6	0	696
DEC	441	178	23	36	5	4	687
YEAR	5976	1321	281	263	61	27	7929

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
90	0	0.2	0.7	1.4	3.3	8.5	13.3	20.5	25.9	63	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST									NO 12032																MONTH JAN 70								PARTS PER HUNDREDMILLION															
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																							
1	0	0	0	0	0	1	0	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	2	2	1																							
2	1	0	0	0	0	1	1	1	0	1	3	1	2	2	0	0	0	1	0	0	0	0	0	0	1																							
3	0	2	6	1	2	3	3	3	3	4	4	4	4	4	3	2	2	2	2	2	3	3	2	1	3																							
4	1	0	0	0	0	0	0	1	2	2	2	2	2	3	1	0	1	4	4	4	2	1	1	1	1																							
5	1	1	5	4	2	2	2	2	2	2	3	3	6	3	3	7	4	2	2	5	4	3	6	7	4																							
6	5	8	3	4	6	10	6	4	3	3	3	6	2	3	3	9	4	8	4	4	4	3	6	7	4																							
7	1	0	0	0	0	0	0	4	3	4	4	6	9	5	4	3	2	1	1	1	1	1	1	1	1																							
8	1	1	1	0	1	1	1	1	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1																							
9	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	6	3	3	3	4	3	1	1	1	1																							
10	3	3	3	3	3	2	3	3	1	1	2	1	1	1	2	3	4	4	3	3	0	1	0	0	2																							
11	0	3	1	3	5	2	2	3	3	3	5	3	2	2	2	1	1	0	1	0	0	0	0	0	2																							
12	1	1	3	6	4	12	20	5	8	4	6	8	5	5	6	3	6	1	0	0	2	1	1	4	5																							
13	3	6	3	3	1	0	0	0	2	9	10	6	3	3	4	3	2	3	2	5	4	16	7	4	4																							
14	5	3	2	3	3	5	12	8	3	10	8	6	4	3	5	4	4	2	0	0	0	0	0	0	4																							
15	0	0	0	1	0	0	0	0	0	10	2	6	4	6	5	4	2	0	0	0	0	0	0	0	4																							
16	1	2	2	2	2	3	3	3	4	4	0	3	3	3	4	4	5	3	2	1	0	0	0	1	1																							
17	2	1	1	1	1	1	1	1	0	0	1	1	2	2	1	1	1	2	2	3	2	5	2	2	3																							
18	5	5	2	1	1	1	1	1	3	1	2	5	6	3	2	1	1	1	2	3	4	6	5	8	2																							
19	6	6	8	5	5	6	7	8	7	3	1	1	4	0	1	3	2	1	1	3	5	6	4	3	3																							
20	1	1	3	1	0	1	2	2	3	3	7	11	10	7	6	8	8	7	7	6	6	8	5	5	5																							
21	- DATA MISSING -																																															
22	2	3	3	2	2	2	3	3	4	3	5	4	4	4	3	3	2	1	1	1	2	1	1	1	4																							
23	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1																							
24	1	1	2	2	2	1	1	1	1	1	2	2	1	0	0	0	0	0	0	1	0	0	1	0	0																							
25	1	2	3	4	5	8	20	10	14	15	10	7	6	5	4	3	3	2	3	2	2	2	3	6	6																							
26	3	4	2	2	2	1	1	0	0	1	2	2	2	4	7	4	4	3	1	1	1	0	0	2	2																							
27	1	1	0	0	0	0	0	1	2	2	1	2	2	1	1	0	0	4	3	4	1	1	2	1	1																							
28	1	1	1	1	1	3	4	3	3	1	1	1	2	3	1	2	1	1	3	4	3	2	2	2	2																							
29	1	1	1	1	1	3	4	3	3	1	1	1	2	3	1	0	0	1	1	1	1	1	1	1	2																							
30	2	1	2	2	3	3	3	4	8	7	4	0	0	0	0	0	0	0	1	1	1	1	1	1	2																							
31	1	1	3	1	3	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1																							
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2																							
PERCENTAGE OF DATA VALID - 92																																																

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST										NO 12032										MONTH FEB 70											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN						
1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	0	0	0	0	0	0	0						
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	1	0						
3	2	2	1	3	2	1	2	4	2	2	1	3	1	1	3	2	3	2	1	1	1	0	0	1	0						
4	2	2	0	0	0	0	0	0	1	3	2	2	1	0	0	0	0	2	2	1	3	2	1	1	2						
5	1	2	2	2	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1						
6	0	0	0	0	0	0	0	0	0	0	0	2	3	4	3	2	1	0	0	0	0	0	0	0	1						
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
8	0	1	1	1	1	0	1	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0						
9	4	4	3	3	3	3	3	3	2	2	2	1	1	2	3	3	4	6	5	6	7	6	4	4	3						
10	3	2	2	2	2	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	2						
11	2	2	3	3	2	2	2	2	2	3	2	2	1	1	1	1	****	1	1	1	3	3	2	2	2						
12	2	2	1	1	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1						
13	1	1	1	1	1	4	2	2	3	6	3	0	0	0	0	0	0	0	0	0	0	0	1	1	1						
14	2	2	2	2	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	2	5	5	2						
15	0	0	1	2	1	3	3	6	7	7	6	4	3	2	2	2	2	5	4	0	0	0	0	0	1						
16	1	4	3	2	2	2	1	0	1	1	1	0	1	1	1	1	0	0	0	0	3	5	3	3	3						
17	0	0	0	1	2	2	1	1	1	1	1	2	2	2	3	2	2	1	0	1	1	0	0	1	1						
18	0	0	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	1	4	3	1						
19	1	7	3	1	2	2	2	2	1	1	2	3	4	4	1	0	0	0	0	0	1	1	1	1	2						
20	0	4	4	3	4	2	1	2	3	5	5	1	0	0	0	0	0	0	0	0	1	1	1	1	2						
21	2	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1						
22	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1						
23	1	1	2	2	2	2	2	2	1	2	4	3	0	2	4	2	2	2	2	1	1	2	2	1	1						
24	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	0	1	0	0	0	0	0	0	1						
25	2	0	1	2	2	3	3	2	3	3	2	1	3	1	2	2	2	2	2	1	1	2	2	4	1						
26	2	1	2	1	3	4	4	5	4	2	2	3	2	2	2	2	1	3	0	1	1	2	2	2	3						
27	0	0	0	0	0	0	0	0	1	3	3	3	3	4	2	2	1	0	0	1	1	1	1	0	2						
28	1	2	4	2	2	2	2	3	8	10	8	5	4	4	2	2	4	3	3	2	2	2	2	2	2						
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	1	2	1	1	1	1	1	1	1	1						
PERCENTAGE OF DATA VALID - 99																															

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - MORTON DOCK WINDSOR OAMST								NO 12032								MONTH MAR 70									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	1	1	1	0	0	1	
2	1	0	0	0	0	1	1	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	7	7	5	1	
5	2	2	2	2	2	2	2	2	4	6	5	3	2	2	2	2	2	1	1	0	0	0	1	1	2	
6	0	0	0	0	0	0	0	0	0	1	4	4	4	2	2	3	2	1	0	1	4	6	3	2	2	
7	1	1	2	6	1	1	0	2	1	2	4	3	3	3	2	2	2	2	2	2	7	2	2	3	2	
8	5	3	3	5	3	5	3	3	2	2	3	4	5	6	4	2	1	1	0	0	0	1	1	2	7	
9	1	3	3	3	2	2	2	2	5	6	8	4	4	4	4	4	2	2	2	3	2	1	1	1	3	
10	1	0	1	0	1	2	2	2	5	6	6	3	9	5	3	2	2	2	1	0	2	2	4	4	3	
11	3	2	2	2	2	1	1	3	3	3	3	3	2	3	2	2	2	2	1	0	0	4	0	0	2	
12	2	2	2	1	0	0	0	1	2	4	4	2	1	1	2	3	1	0	0	2	3	1	1	3	2	
13	11	8	12	6	2	2	3	3	4	4	2	1	2	7	5	2	1	2	0	0	4	1	0	0	3	
14	0	1	1	1	1	2	2	3	4	4	3	1	3	1	1	1	1	3	1	3	6	6	1	3	2	
15	2	1	1	1	1	1	1	2	3	4	5	8	5	3	3	2	1	3	3	0	0	1	1	3	2	
16	1	2	5	3	3	7	2	12	7	5	5	***	6	6	12	4	3	3	3	2	5	9	6	6	5	
17	6	4	1	4	3	1	0	0	5	4	11	10	9	12	4	2	2	1	1	0	0	2	1	1	4	
18	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	2	3	4	4	4	3	1	
19	2	2	3	4	4	4	5	7	7	6	5	4	6	3	3	2	2	1	1	0	0	0	0	0	3	
20	0	0	1	1	0	0	0	0	0	1	1	***	2	2	1	1	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	1	2	3	5	8	7	5	4	3	2	2	1	1	0	0	0	0	2	
22	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	0	
23	2	2	2	1	1	2	2	3	4	5	5	5	4	5	5	4	2	1	1	1	2	1	1	1	3	
24	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	1	
25	DATA MISSING																									
26	***	***	***	***	***	***	***	***	***	***	***	***	***	3	1	0	0	0	0	0	0	0	0	0	***	
27	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	1	3	6	3	1	
28	3	3	2	2	3	0	0	0	0	0	0	0	0	2	4	3	4	1	2	1	0	0	1	1	1	
29	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	
30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	1	6	8	***	***	16	5	5	6	4	4	3	4	3	2	2	2	3	
MEAN	2	1	2	2	1	1	1	2	2	3	3	3	3	3	3	2	1	1	1	1	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION -- MORTON DOCK WINDSOR OAMST							NO 12032				MONTH APR 70																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	2	4	2	1	0	0	0	0	2	2	2	4	6	3	2	1	1	1	0	0	0	0	0	0	1			
2	0	0	0	0	0	0	1	1	1	3	3	0	0	0	1	7	8	7	8	7	2	2	0	0	2			
3	0	0	0	0	2	3	5	4	5	3	3	4	3	3	2	2	1	0	1	1	0	1	0	0	2			
4	1	1	1	0	1	1	0	0	0	1	6	8	4	5	3	5	3	6	4	2	1	0	0	0	2			
5	0	0	0	0	0	0	0	2	3	3	5	8	16	4	2	2	1	1	***	***	***	***	***	***	3			
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	5	4	7	14	22	8	4	***			
7	4	3	3	3	5	12	10	4	4	7	15	17	6	11	10	7	4	3	2	1	0	0	0	0	5			
8	1	2	1	2	3	2	2	5	6	6	6	7	6	7	8	8	8	7	5	5	5	4	4	3	5			
9	3	2	3	5	2	1	2	2	2	2	2	2	2	2	3	2	4	4	5	6	4	2	0	3	3			
10	0	1	2	2	2	2	3	2	3	2	6	6	8	6	10	7	5	6	2	2	3	4	2	4	4			
11	2	3	3	2	1	1	0	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1			
12	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	3	10	15	8	2	1	2			
13	0	0	0	0	0	0	0	1	2	2	2	2	2	2	0	1	1	1	1	1	1	2	2	1	1			
14	1	0	1	1	2	3	3	2	2	2	3	3	4	4	3	2	2	2	2	1	1	2	1	2	2			
15	1	2	2	2	3	2	3	4	4	4	4	4	3	4	4	***	4	3	2	1	1	1	1	2	3			
16	2	3	2	2	2	2	2	2	3	5	7	9	7	5	5	5	4	4	4	2	1	1	1	0	3			
17	1	1	0	0	0	0	0	2	6	7	8	***	***	***	7	10	8	7	6	4	5	4	8	0	4			
18	0	0	5	2	1	1	2	2	2	2	2	2	2	2	2	3	4	10	6	3	1	2	12	18	4			
19	4	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
20	0	0	0	0	0	1	2	2	2	2	2	1	2	2	3	3	4	4	3	2	2	2	1	1	2			
21	1	1	0	0	1	2	2	1	1	***	***	***	***	4	3	3	3	2	2	2	2	4	3	2	2			
22	2	2	2	3	3	1	1	3	3	5	11	13	8	10	7	4	5	4	4	3	2	2	2	4	4			
23	4	4	3	3	4	4	4	0	0	0	1	1	2	6	***	5	4	4	4	6	6	10	3	1	3			
24	2	1	1	0	0	0	0	4	4	4	5	6	6	6	5	5	4	4	4	4	2	2	2	3	3			
25	1	1	1	1	1	1	3	4	4	4	5	7	6	6	6	6	6	7	5	3	2	1	1	1	4			
26	2	1	0	0	0	0	1	3	4	5	7	11	6	6	6	6	6	7	5	3	2	1	1	1	4			
27	0	0	0	1	0	0	1	4	6	12	12	11	***	10	10	9	8	6	4	3	3	2	2	2	5			
28	1	1	2	2	1	1	2	3	3	4	6	6	13	11	8	8	5	4	3	2	2	2	2	2	4			
29	2	1	1	1	1	1	1	2	6	7	10	9	11	8	6	6	6	6	5	4	2	2	2	2	4			
30	2	2	2	2	2	2	2	4	4	4	4	7	7	7	8	8	7	6	8	4	3	3	2	2	4			
MEAN	1	1	1	1	1	2	2	2	3	4	5	6	5	5	4	4	4	4	3	3	3	3	2	2	3			

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - MORTON DOCK WINDSOR OAMST								NO 12032				MONTH MAY 70																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	2	2	2	2	2	2	3	2	3	6	5	4	7	****	****	5	4	4	3	3	2	2	2	4	3				
2	2	1	2	4	4	1	0	0	0	2	2	2	2	2	4	2	2	6	4	6	5	1	0	0	2				
3	4	4	5	5	9	11	30	10	2	2	3	4	6	6	3	3	3	2	2	1	1	1	1	1	5				
4	2	2	2	4	2	1	2	2	3	3	****	4	4	5	4	5	4	7	8	4	4	1	0	0	3				
5	1	1	0	0	0	0	0	1	2	5	4	5	8	8	7	6	14	11	11	5	1	9	5	4	5				
6	2	1	1	1	1	4	10	16	6	7	8	10	5	5	6	4	4	4	2	1	0	0	0	4	3				
7	1	0	0	0	0	0	3	8	7	8	6	3	****	3	3	4	4	4	3	2	2	2	2	2	3				
8	2	2	2	2	1	1	2	3	5	6	7	8	8	8	8	8	6	5	4	3	3	3	3	3	4				
9	3	2	2	2	2	2	2	3	4	4	5	6	7	6	6	6	6	5	4	4	2	2	2	2	4				
10	4	4	4	3	2	2	2	3	4	3	3	4	4	5	4	5	5	4	4	3	2	2	9	16	4				
11	2	1	1	0	0	0	0	3	4	7	6	7	7	8	12	10	7	5	4	6	6	5	5	4	5				
12	2	2	2	1	2	2	1	1	2	4	4	3	1	1	2	2	2	2	2	1	1	1	0	0	2				
13	0	0	0	0	0	0	0	0	1	1	1	1	6	4	2	2	2	6	8	4	13	8	6	5	3				
14	3	4	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	1	1	0	0	0	1	1				
15	0	0	0	4	2	1	0	1	0	0	0	1	1	1	1	2	2	1	1	0	0	0	0	1	4				
16	0	0	0	0	0	0	0	0	3	6	6	4	5	3	2	4	4	3	4	4	1	1	0	0	2				
17	0	3	2	0	0	0	1	4	7	5	4	6	6	10	7	4	5	4	2	2	1	2	3	2	3				
18	2	2	1	1	2	2	3	4	4	5	****	7	7	8	9	8	8	7	8	9	25	7	3	2	6				
19	4	3	1	0	1	1	4	4	4	5	9	10	****	15	9	6	6	4	3	2	2	1	1	1	4				
21	0	0	0	0	0	0	2	4	6	9	10	10	8	9	9	8	8	7	6	5	3	4	3	3	5				
22	3	4	3	2	2	3	3	3	5	7	****	7	8	8	7	6	7	8	4	3	6	3	5	4	5				
23	1	1	1	0	0	0	0	0	0	0	0	3	2	4	3	6	4	2	1	0	0	0	0	0	1				
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	0	0	0	0	0	0				
25	0	0	0	0	0	0	0	1	4	5	4	4	5	6	6	3	2	2	3	2	2	4	1	1	2				
26	0	0	1	0	0	0	0	1	2	2	2	2	2	2	2	6	8	5	5	4	3	3	3	3	2				
27	3	1	2	1	0	2	4	4	6	3	5	5	8	6	2	1	1	2	2	1	0	0	0	0	2				
28	0	0	0	0	0	0	0	0	1	1	2	2	2	****	4	3	3	2	2	1	0	0	0	0	1				
29	0	0	0	0	0	0	1	2	3	5	6	6	6	7	8	8	7	5	4	2	2	1	1	1	3				
30	1	1	1	1	1	1	2	3	4	4	4	4	6	6	7	6	6	5	4	3	2	2	2	2	3				
31	1	1	2	2	2	2	2	2	2	3	3	2	3	4	4	6	4	3	3	3	2	2	2	2	3				
MEAN	1	1	1	1	1	1	3	3	3	4	4	5	5	6	5	5	5	4	4	3	3	2	2	2	3				

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - MORTON DOCK WINDSOR OAMST								NO 12032				MONTH JUN 70																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN				
1	2	2	2	2	1	1	2	2	4	6	6	5	6	6	5	6	6	5	2	2	2	2	2	2	3				
2	2	2	2	1	2	2	2	3	4	5	4	4	5	6	4	4	4	4	4	3	8	2	2	1	3				
3	1	0	0	0	0	0	0	0	2	4	2	3	2	2	3	2	2	2	1	1	1	1	2	2	1				
4	0	0	2	2	2	3	4	6	11	14	7	3	****	4	4	4	3	2	2	1	1	1	1	1	3				
5	1	0	0	0	0	1	2	2	3	7	8	7	15	6	8	15	14	10	9	11	5	2	2	2	5				
6	1	0	0	3	7	2	12	5	5	6	8	8	5	5	4	4	4	4	3	2	2	1	1	1	4				
7	0	0	0	0	0	0	4	4	4	6	7	10	8	8	8	9	8	7	6	4	5	4	3	2	4				
8	4	2	2	2	2	2	5	6	9	9	8	10	15	11	9	9	8	8	8	4	3	3	6	3	6				
9	1	0	0	0	0	1	3	5	12	14	10	10	10	9	10	10	9	8	6	4	3	2	1	5	5				
10	1	0	0	0	0	0	3	5	6	8	8	10	10	11	10	10	9	8	6	3	2	2	2	2	5				
11	1	1	1	1	2	2	2	4	6	6	8	****	10	9	11	10	9	7	6	4	3	2	3	5	5				
12	2	2	2	1	1	2	3	5	6	7	12	16	14	11	9	12	11	6	9	3	2	6	22	16	8				
13	5	2	3	4	2	1	2	2	2	3	4	4	4	4	3	2	2	2	2	2	1	1	0	0	2				
14	0	0	0	0	0	0	0	2	3	5	7	8	8	10	10	10	7	6	5	4	2	2	2	2	4				
15	2	1	1	1	0	0	0	1	1	6	6	9	10	9	9	8	8	6	5	4	3	2	2	1	4				
16	0	0	0	0	0	0	2	5	7	9	10	8	8	9	9	7	6	6	4	4	3	1	1	1	4				
17	1	2	2	2	2	2	2	4	4	5	4	7	8	11	12	9	5	5	4	2	1	1	1	2	4				
18	1	1	2	1	2	2	3	4	6	6	6	7	6	7	7	7	7	10	6	4	3	2	2	1	5				
19	2	4	4	5	5	1	9	5	6	5	12	7	5	10	8	7	6	5	4	3	2	1	1	1	5				
20	0	0	0	0	0	0	3	3	7	14	13	10	8	6	6	5	3	3	3	2	2	1	1	1	5				
21	1	1	0	0	0	0	0	0	0	1	1	0	1	1	2	4	4	4	5	3	1	0	0	0	1				
22	0	0	0	2	2	0	6	11	11	****	9	13	20	10	8	8	7	7	5	4	4	4	3	2	6				
23	1	1	0	0	0	0	3	6	6	6	6	6	6	6	10	10	10	8	7	6	3	2	2	2	4				
24	2	3	8	6	3	4	4	6	6	6	6	****	8	6	8	7	8	8	3	4	16	26	11	7	7				
25	0	0	0	0	1	1	4	5	2	2	2	2	3	4	3	3	2	1	0	2	7	7	7	4	2				
26	2	1	0	1	2	2	2	2	2	2	****	****	2	1	2	1	2	1	14	27	18	8	5	4	4				
27	4	3	4	3	4	3	6	11	17	11	9	6	6	6	6	7	4	5	6	3	1	1	1	0	5				
28	0	0	0	0	0	0	3	5	6	5	6	5	6	6	6	4	5	6	4	2	2	1	2	2	3				
29	1	1	1	3	4	4	4	4	4	6	****	8	8	10	10	10	10	10	9	8	7	6	6	6	6				
30	5	4	4	5	6	6	10	11	12	13	14	17	15	18	17	15	13	20	24	21	36	33	18	8	14				
MEAN	1	1	1	2	2	1	4	5	6	7	7	8	8	7	7	7	7	6	5	4	5	5	4	3	5				

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	3	2	1	3	6	6	9	9	8	8	8	****	****	3	2	3	0	0	3	3	5	4
2	3	1	****	****	****	****	****	****	****	20	20	6	4	1	12	12	13	9	7	4	2	1	0	0	7
3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	7	5	3	4	2	2	3	3	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	****	2	0	****	****	****	****	****	****	0
12	****	****	****	****	****	7	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	0	0	0	0	0	0	0	1	1	2	2	5	5	6	5	0	0	0	****	****	****	****	****	****	2
15	3	4	4	****	****	****	****	****	****	7	7	8	1	7	7	7	6	6	5	4	3	3	4	3	5
16	2	2	5	6	12	10	23	7	7	8	8	8	9	8	10	10	10	10	10	4	3	2	2	3	7
17	2	1	0	1	1	2	3	5	7	8	9	8	9	9	9	9	8	7	6	5	3	4	4	4	5
18	4	2	2	2	1	3	10	8	8	16	11	13	10	8	6	6	5	4	4	2	2	4	2	1	6
19	1	1	1	0	1	1	1	2	2	2	4	5	5	7	6	6	4	4	4	4	3	2	2	2	3
20	2	2	2	2	2	2	2	2	2	3	7	6	****	5	4	4	4	4	4	6	5	2	2	2	3
21	6	6	6	5	3	5	10	12	11	15	19	27	18	6	8	8	9	9	5	3	2	1	1	1	8
22	1	1	2	6	1	0	3	7	14	17	14	10	8	7	6	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	2	1	1	2	2	3	6	6	5	4	5	2	4	5	5	6	5	4	3	4	4	2	1	1	3
25	2	2	2	2	2	2	2	4	8	6	3	4	7	12	12	10	9	7	6	4	3	2	2	2	5
26	2	2	2	2	2	2	2	8	13	11	12	14	10	6	8	13	13	10	7	4	4	3	3	3	7
27	3	2	2	2	2	2	2	5	7	6	7	8	****	11	9	9	8	7	5	4	4	4	4	4	5
28	3	3	3	3	3	3	4	4	6	9	11	13	11	11	10	12	9	5	4	3	3	3	2	2	6
29	2	2	4	4	2	2	5	8	9	11	11	14	14	12	4	6	6	7	5	4	3	2	2	2	6
30	2	2	2	2	2	2	2	4	3	4	6	6	4	5	5	3	4	4	5	4	2	1	1	1	3
31	2	2	2	2	2	2	2	3	6	8	8	8	9	6	10	9	8	8	7	5	4	4	3	2	5
MEAN	3	2	2	3	2	3	4	5	6	8	9	9	7	7	8	7	7	6	5	4	3	3	2	2	5

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	5	4	4	10	14	10	12	14	13	13	12	9	8	8	8	6	6	5	7	8
2	8	8	8	10	9	7	10	10	10	14	10	11	9	8	8	8	7	6	4	5	5	5	4	8	8
3	4	4	4	3	3	3	4	4	6	5	4	6	13	12	11	12	9	8	10	13	12	8	9	5	7
4	2	4	10	6	6	5	8	15	14	10	****	20	30	11	6	5	6	6	4	4	2	2	2	2	8
5	1	1	1	0	0	0	4	10	17	8	10	10	4	5	1	****	6	7	4	4	3	2	2	2	4
6	1	1	1	1	2	2	1	2	5	12	11	12	11	9	9	10	9	8	8	6	5	3	1	1	5
7	1	1	1	1	0	0	0	1	2	10	9	14	15	12	14	12	9	8	6	5	2	2	2	2	5
8	2	2	1	1	0	0	0	2	5	5	6	8	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	2	2	2	2	2	0	2	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	2	2	2	4	5	4	6	8	10	10	11	12	15	13	12	11	8	7	6	5	4	4	3	3	7
14	3	3	3	3	2	2	2	6	13	19	16	20	12	12	13	14	14	8	6	4	3	2	2	2	8
15	2	2	2	2	2	2	2	3	9	10	11	11	10	11	11	11	10	8	6	6	5	5	4	3	6
16	2	4	4	5	4	4	4	4	6	7	6	8	8	8	8	8	8	7	7	8	10	8	13	7	
17	6	3	3	2	5	2	3	10	16	****	16	17	12	12	12	16	20	9	9	11	11	5	3	2	9
18	2	2	1	1	1	1	2	3	6	7	6	8	9	8	8	8	7	6	4	3	3	3	3	4	4
19	3	3	3	2	2	2	3	6	8	7	6	4	3	6	9	7	6	5	4	4	4	4	2	3	4
20	3	3	3	2	2	2	2	4	5	6	9	10	9	10	9	8	11	12	8	6	8	11	8	7	7
21	5	6	5	4	4	8	14	8	7	10	8	14	17	12	7	7	6	4	3	2	2	2	2	0	7
22	0	0	0	0	0	0	0	2	4	5	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	6	4	3	2	2	2	2	4	8	26	36	36	26	18	13	10	3	10	9	6	4	5	4	4	10
28	3	3	2	2	3	4	4	5	6	7	7	10	10	10	9	10	9	9	5	3	5	5	6	8	6
29	6	3	2	1	1	0	1	2	4	6	4	4	4	1	3	3	2	2	1	1	1	1	1	1	2
30	0	0	0	0	1	2	2	3	4	7	8	9	9	9	10	10	10	8	8	12	8	5	6	4	6
31	4	2	2	2	2	2	2	19	15	12	11	7	8	10	11	9	9	8	4	2	3	2	0	0	6
MEAN	3	3	3	2	2	2	3	6	8	9	10	11	12	10	10	10	9	8	6	6	5	4	4	4	6

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	2	5	4	4	6	8	10	15	10	7	4	3	1	0	0	0	0	3
2	0	0	0	0	0	0	0	2	5	5	6	7	7	8	9	9	9	8	5	4	4	3	3	3	4
3	4	4	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	6	4	6	2	2	1	1	2	5	7	8	7	8	11	9	13	8	8	9	6	4	3	4	1	6
6	0	0	0	0	0	0	0	1	4	6	6	7	8	6	6	8	8	6	2	2	2	2	2	2	3
7	2	2	2	1	1	1	1	1	2	5	5	5	5	6	8	8	8	7	5	3	3	2	2	2	4
8	2	2	2	2	2	2	2	4	4	3	5	6	6	8	12	9	11	7	5	4	3	6	4	2	5
9	2	2	1	0	0	2	1	2	4	6	7	8	8	10	8	7	6	7	4	2	1	1	0	0	4
10	0	0	0	2	4	4	3	3	4	4	4	4	4	5	5	8	9	4	5	7	5	6	6	8	4
11	8	6	0	0	0	0	10	24	20	22	0	14	8	8	8	8	8	5	3	2	2	2	1	1	7
12	1	1	0	0	0	0	0	4	11	10	8	7	6	6	6	10	6	4	4	2	2	2	2	4	4
13	3	3	2	2	2	2	2	2	2	1	1	0	1	1	1	1	2	5	4	5	6	5	4	5	3
14	4	2	4	4	6	4	3	2	2	2	2	2	0	1	1	2	1	0	0	0	0	0	0	0	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2	4	3	2	2	1	0	0	1	6	2	2	5	6	6	4	3	1	2	0	0	0	0	0	3
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	2	2	0	0	1	2	8	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	8	6	7	6	4	4	7	6	3	4	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	1	1	1	2	4	5	5	4	5	6	6	6	7	6	4	3	3	2	2	2	2	4

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	11	9	8	8	6	4	5	4	4	4	4	3	4	7	8	7	4	2	2	2	2	2	2	5
2	2	2	2	6	7	6	6	6	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
3	3	3	3	3	3	2	2	2	3	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	3
4	3	4	4	4	3	4	3	3	2	3	11	6	3	4	2	2	2	4	5	6	9	6	6	5	4
5	3	3	2	2	2	2	2	3	3	4	4	4	6	6	5	2	4	6	6	5	6	8	6	5	4
6	4	3	2	2	3	3	3	3	4	5	5	6	6	6	6	6	5	4	3	3	3	3	3	3	4
7	3	3	3	3	3	3	3	3	4	6	8	8	8	8	6	4	4	4	4	4	4	4	4	2	4
8	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
9	4	4	4	4	4	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	3	0
11	2	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	6	10	12	18	14	13	9	5	6	10	8	7	8	4	4	3	3	4	3	4	4	4	4	4	7
16	3	2	2	3	3	3	8	11	7	3	3	3	2	2	2	2	2	2	2	1	4	1	0	0	3
17	6	6	4	2	1	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
18	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	1	2
19	6	2	1	0	0	0	0	0	0	0	0	0	0	1	4	4	2	2	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	5	5	1
21	1	1	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	3	7	8	9	6	4	2	1	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	1	2	2	2	2	4	4	4	3	3	3	3	2	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	2	2	2	1	1	0	0	0	0	1	4	10	6	4	4	1	1	1	0	0	0	0	0	0	2
30	2	1	4	2	1	0	0	0	0	1	4	10	6	4	4	1	1	1	0	0	0	0	0	0	2
31	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	2	0	0	0	1	0	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	0	0	1	7	9	3	1	0	0	0	0	0	0	1	2	1	2	2	1	1
2	6	2	2	1	1	2	2	2	6	4	4	4	2	1	0	0	0	0	0	0	0	0	0	0	2
3	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
4	1	1	1	1	1	0	0	1	1	1	4	5	5	14	7	7	9	8	2	3	3	4	5	5	4
5	3	2	1	1	1	0	1	2	4	4	3	2	2	2	2	3	2	2	4	4	4	2	2	1	2
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	3	4	3	1	1	2	1
7	2	2	0	0	2	1	5	4	3	4	2	2	2	1	1	1	1	0	0	1	2	3	5	4	2
8	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	2	2	2	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	1
12	2	2	2	2	3	5	4	3	2	3	4	4	4	3	3	6	5	3	6	14	9	10	12	15	5
13	16	11	18	19	23	24	28	18	17	19	16	4	12	***	19	16	15	5	4	2	0	1	0	0	12
14	1	0	0	0	1	3	5	2	1	0	2	3	2	1	2	1	0	0	0	0	0	0	0	0	0
15	4	2	3	6	8	8	7	6	4	4	4	4	4	4	4	4	3	0	0	0	0	0	0	0	2
16	2	5	2	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	4
17	1	1	0	0	1	1	1	0	1	3	3	8	5	4	3	2	0	0	0	0	0	0	0	0	1
18	0	0	0	0	2	1	2	2	2	2	3	3	2	2	2	2	2	1	1	1	0	0	0	0	1
19	0	4	7	6	2	2	2	2	5	5	4	3	3	3	4	2	1	0	0	0	0	0	0	0	2
20	2	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	1	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	12	***	19	16	15	5	4	2	0	1	0	0	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	0	1	2	0	0	0	0	1	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	***
25	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	0	0	0	0	0	0	0	0	0	0
27	0	1	2	2	1	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	***
28	0	0	0	0	1	6	2	2	7	8	2	2	2	2	2	2	1	1	0	5	2	0	0	1	1
29	0	0	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	3	3	0	2
30	4	4	4	2	2	2	2	2	2	4	5	6	4	2	1	0	0	0	0	1	2	1	1	0	2
MEAN	2	2	2	2	2	2	2	2	3	3	3	2	3	2	3	2	2	1	1	2	1	1	1	2	2

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	3	4	5	4	3	2	2	2	2	1	1	1	4	6	5	3	3	4	2	0	0	0	3
2	1	1	1	0	0	0	0	0	1	1	1	4	2	2	1	0	4	7	12	3	1	0	2	1	2
3	1	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	2	1	1	1	12	3	0	0	0	***
5	1	0	1	0	0	2	2	3	4	4	2	1	1	1	2	1	0	0	8	13	12	12	12	4	
6	5	9	4	2	1	4	5	8	20	10	2	2	2	2	2	3	3	3	3	3	3	4	2	3	4
7	1	2	2	3	2	2	3	3	4	6	5	7	***	***	***	***	***	***	***	***	***	***	***	***	***
8	0	2	2	4	6	6	5	5	5	6	5	2	1	1	1	1	1	1	1	1	2	2	2	3	3
9	4	1	1	2	1	0	0	0	0	0	0	0	1	1	1	1	0	2	2	2	3	2	2	2	1
10	2	2	2	2	2	2	3	4	6	5	4	5	4	2	2	2	2	2	2	2	2	2	2	2	3
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	1	1	2	1	0	***
12	0	0	0	0	1	1	1	0	0	0	2	3	4	3	3	4	3	3	2	1	1	1	1	1	2
13	0	1	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	1
14	0	0	0	1	2	2	1	1	4	5	4	2	2	2	2	1	1	3	4	4	2	0	0	1	1
15	2	6	5	3	2	2	2	1	0	0	2	2	***	***	***	2	1	2	2	2	0	0	1	1	2
16	2	2	2	3	2	2	1	1	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	1	2
17	1	1	1	0	0	0	0	1	3	4	3	2	***	***	***	2	2	2	2	2	2	2	1	0	1
18	1	1	4	9	4	2	2	2	2	1	1	1	1	1	2	1	1	0	0	0	2	2	1	2	2
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	***	***	***	***	2
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	1	1	1	1	0	***
21	1	1	1	1	1	1	0	1	1	1	0	1	2	3	2	2	2	4	3	2	2	2	2	2	2
22	2	2	7	7	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
24	1	1	0	0	4	3	4	3	3	2	2	2	5	6	3	1	0	2	2	3	4	4	8	8	3
25	3	2	3	2	2	4	4	2	0	0	0	0	0	0	0	1	2	2	0	0	0	0	1	1	1
26	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	3	2	4	5	2	3	10	6	4	6	5	6	4	2	2	2	2	0	0	0	0	0	0	0	3
30	2	2	1	0	0	0	0	1	1	1	0	1	0	0	0	0	1	6	8	7	3	2	3	3	2
MEAN	1	2	2	2	2	2	2	2	3	3	2	2	2	1	2	1	1	2	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	6	20
FEB	28	1	3	10
MAR	30	2	5	16
APR	30	3	5	22
MAY	31	3	6	30
JUN	30	5	14	36
JUL	28	5	8	27
AUG	29	6	10	36
SEP	22	4	7	24
OCT	31	2	7	18
NOV	30	2	12	28
DEC	28	2	4	20
YEAR	347	3	14	36

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - MORTON DOCK WINDSOR OAMST

NO 12032

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	591	88	4	4	0	0	687
FEB	646	24	0	0	0	0	670
MAR	620	68	6	1	0	0	695
APR	545	125	13	6	0	0	689
MAY	558	166	6	5	1	0	736
JUN	420	237	32	19	5	0	713
JUL	284	187	32	10	1	0	514
AUG	269	225	75	19	5	0	593
SEP	285	125	7	4	0	0	421
OCT	667	69	6	1	0	0	743
NOV	588	42	6	16	1	0	653
DEC	503	43	7	1	0	0	554
YEAR	5976	1399	194	86	13	0	7668

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	0	0.2	0.7	1.5	3.1	7.1	9.3	12.2	15.1	36	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	0	0	0	0	0	0	0	0	0	5	2	2	1	1	2	2	2	1	1	0	0	0	2	1	
2	2	1	1	1	1	1	0	0	2	1	2	****	0	****	1	1	1	2	1	1	2	3	2	2	1	
3	2	2	2	2	2	2	2	1	5	3	3	4	5	5	4	2	2	3	3	7	8	8	7	6	4	
4	5	5	5	5	5	4	3	3	6	5	5	5	5	5	6	8	6	4	5	4	6	7	6	6	5	
5	6	5	4	4	4	4	4	5	7	6	6	6	5	4	4	3	3	2	2	2	3	3	3	3	4	
6	3	3	3	3	2	2	2	2	5	3	4	3	3	3	3	****	2	1	1	0	3	2	2	2	2	
7	1	1	1	1	1	1	0	0	2	1	2	1	1	4	6	7	5	7	5	2	3	2	2	2	2	
8	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1	1	1	4	3	3	3	3	3	2	
9	2	2	1	1	1	1	1	1	2	2	2	****	3	4	4	****	****	****	****	****	****	****	****	****	****	
10																										
11																										
12																										
13	****	****	****	****	****	****	****	****	****	****	****	****	2	2	****	1	1	1	1	0	3	1	1	1	****	
14	1	1	1	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	
15	1	1	1	1	1	0	0	0	2	1	1	1	1	1	1	2	2	2	2	2	3	4	3	3	2	
16	3	3	5	6	7	7	7	8	10	10	10	14	14	9	6	5	3	3	3	3	4	3	2	2	6	
17	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
18																										
19																										
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	5	5	4	****
21	5	5	4	3	3	3	3	3	5	6	5	5	4	4	4	3	3	3	2	2	4	3	3	3	4	
22	3	2	2	2	2	2	2	2	4	6	7	11	12	13	10	8	5	2	1	1	2	4	6	7	5	
23	6	5	5	5	5	5	4	4	5	4	****	4	2	1	1	0	1	0	0	0	0	1	1	0	3	
24	0	0	0	0	0	0	0	2	3	2	1	1	0	1	11	3	6	0	0	0	1	3	3	2	2	
25	2	2	3	4	1	3	6	2	4	3	3	2	1	1	0	0	0	0	0	0	0	1	1	2	2	
26	2	4	4	3	2	2	2	1	5	8	8	9	6	3	1	1	0	0	0	0	0	2	1	1	3	
27	3	5	2	2	2	1	8	12	3	2	2	2	2	2	1	1	1	0	0	0	0	1	0	0	2	
28	0	1	1	2	1	0	0	2	3	3	3	4	3	4	15	1	1	0	0	0	1	3	2	1	2	
29	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	2	2	1	1	2	2	3	2	2	1	
30	2	1	1	1	1	1	0	0	2	2	2	2	2	2	1	1	1	1	1	1	3	3	3	3	2	
31	2	2	1	2	2	1	1	1	3	4	3	3	3	2	3	2	1	1	0	0	1	2	2	1	2	
MEAN	2	2	2	2	2	2	2	2	4	3	4	4	3	3	4	3	2	2	1	1	2	3	3	2	3	

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	1	3	3	3	3	4	3	3	2	2	1	1	1	2	2	2	2	2
2	1	1	1	1	1	1	0	0	2	2	2	2	1	1	8	1	0	0	0	5	2	2	1	1	1
3	1	1	1	1	1	1	1	0	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1
4	2	1	1	1	1	1	1	1	2	4	2	2	2	15	2	15	13	30	2	2	2	2	2	2	5
5	2	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	2	1	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	4	3	3	3	****	1	1	1	1	1	1	0	0	0	0	1	2
7	2	4	7	11	8	4	4	4	3	4	6	2	1	10	10	2	1	0	0	2	1	1	2	2	4
8	6	5	10	9	9	7	3	4	4	5	4	2	1	2	****	****	****	****	****	8	5	2	2	3	5
9	1	2	3	3	3	3	2	2	1	0	1	0	1	1	2	2	2	3	3	2	2	2	2	2	2
10	2	1	2	2	2	1	1	1	0	0	0	0	0	0	2	3	3	2	1	0	0	0	1	1	1
11	1	1	****	2	2	1	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
MEAN	2	2	3	3	3	2	1	1	2	3	3	2	2	4	4	3	3	4	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 36

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	15	20	16	9	6	6	6	7	5	****
11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9	8	8	7	6	4	3	3	2	2
12	2	2	0	0	7	7	6	6	16	22	13	11	12	10	8	7	6	4	1	5	6	10	7	4	7
13	0	0	0	7	11	6	3	2	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	2	1	0	2	6	4	3	3	6	8	7	6	6	5	6	10	11	9	6	6	5	6	6	4	5
PERCENTAGE OF DATA VALID -	9																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	9	9	8	8	8	9	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	- DATA MISSING -									
10	****	****	****	****	****	****	****	****	****	14	13	13	13	12	11	11	10	10	10	****	6	6	5	4	****
11	3	2	2	2	1	1	1	1	3	6	7	7	8	20	34	30	5	2	2	2	4	4	3	3	6
12	2	2	1	1	1	0	0	0	2	5	4	4	3	10	13	4	4	4	4	4	4	3	3	3	6
13	3	3	3	2	2	2	1	1	1	4	4	4	5	5	****	6	6	5	4	4	4	6	5	5	4
14	4	4	3	3	2	2	3	3	3	6	10	21	15	8	14	18	25	6	18	6	7	11	12	7	9
15	4	5	5	3	2	2	2	4	3	7	7	8	10	10	10	18	10	18	7	4	4	6	7	6	7
16	5	4	4	3	2	2	2	2	3	7	8	7	15	10	6	5	5	4	4	4	3	5	4	4	5
17	4	3	3	3	3	2	2	4	7	****	8	8	7	7	7	7	7	9	15	9	10	14	9	5	7
18	3	3	2	2	1	1	0	0	2	9	7	9	9	6	4	4	3	2	2	2	2	3	2	1	3
19	1	1	0	0	0	0	0	0	0	2	2	2	2	1	1	0	0	0	0	0	0	1	1	0	1
20	0	0	0	0	0	0	1	0	0	3	3	2	1	2	1	1	2	1	1	0	0	2	2	6	
21	1	0	0	0	0	0	0	0	4	3	2	2	2	1	1	1	1	0	0	0	1	2	2	1	1
22	1	1	0	0	0	0	0	0	3	3	3	3	4	5	6	3	4	3	2	1	2	4	3	4	2
23	5	4	4	6	4	3	3	2	2	4	4	4	4	4	5	5	5	4	4	3	5	6	5	5	4
24	5	4	4	3	3	2	2	2	1	4	4	4	4	8	8	9	7	18	4	4	4	4	4	3	5
25	2	2	2	3	2	1	0	1	1	6	6	6	7	7	7	7	6	5	6	7	6	7	6	7	5
26	6	6	5	3	4	3	2	3	4	8	9	9	9	10	9	9	9	9	9	8	7	5	5	4	6
27	3	2	2	1	0	0	0	2	5	12	13	15	20	15	19	14	13	12	10	10	9	8	7	5	8
28	5	4	3	3	4	2	2	3	4	13	13	18	14	14	14	****	****	****	11	9	8	8	7	6	8
29	6	6	5	5	4	4	4	5	6	8	10	15	13	12	13	12	12	12	12	10	9	8	8	9	
30	8	8	8	9	8	8	7	8	10	12	13	13	14	14	14	14	14	14	14	14	13	13	12	11	11
MEAN	4	3	3	3	2	2	2	2	3	7	7	8	9	9	10	9	8	7	7	5	5	6	5	5	5
PERCENTAGE OF DATA VALID -	68																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	9	8	****	****	****	****	****	****	****	****	7	8	9	9	9	8	8	7	6	6	5	4	8
2	3	3	3	2	2	2	1	1	2	3	2	3	3	3	3	2	2	2	1	1	1	1	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	1	1	0	0	1
4	0	0	0	0	0	0	0	0	0	****	****	****	12	12	13	12	12	12	12	12	11	7	7	8	6
5	8	7	6	5	5	5	5	6	****	1	2	2	2	3	3	2	1	2	8	5	2	2	4	2	4
6	1	1	0	0	0	2	3	0	0	0	1	2	2	2	****	5	5	3	2	2	2	1	1	0	2
7	1	1	1	0	1	0	0	0	0	5	7	5	5	4	5	5	4	4	4	10	4	4	5	3	3
8	3	3	4	4	4	3	3	4	6	7	8	9	****	6	7	8	8	8	7	9	8	6	6	9	6
9	9	6	6	5	4	4	5	5	7	6	6	7	8	10	9	9	9	10	8	8	8	8	8	7	7
10	7	6	6	6	5	5	5	5	8	8	7	6	7	7	7	6	7	7	6	6	6	4	4	3	6
11	3	2	2	2	2	2	2	2	4	4	5	6	15	14	9	4	10	11	12	10	13	10	16	13	7
12	9	7	7	3	2	3	1	1	3	****	6	6	5	3	3	4	4	3	4	3	2	2	2	2	4
13	2	1	1	1	1	1	0	2	3	6	5	10	6	5	4	1	0	0	0	0	0	1	1	2	2
14	4	2	4	2	4	3	2	0	1	0	0	0	0	1	1	1	4	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	1	2	5	4	6	4	4	****	3	3	2	3	****	****	****
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	****	****	****	****	****	****	****	****	****	****	****	****	****	19	18	18	26	30	21	13	12	14	13	12	****
20	12	17	22	23	13	12	16	22	18	14	7	13	19	14	18	20	18	25	8	13	3	5	4	3	14
21	2	1	1	0	0	0	1	1	3	10	10	11	11	10	11	10	9	10	9	8	8	9	8	8	6
22	15	18	19	19	17	15	15	15	15	19	18	19	19	30	20	17	15	14	16	13	13	20	20	16	17
23	14	16	16	12	11	10	7	7	8	10	11	9	9	8	7	7	7	6	6	5	5	7	6	6	9
24	5	5	4	4	4	4	3	3	3	5	4	4	4	4	4	4	4	3	3	3	2	2	2	2	4
25	1	1	0	0	0	0	0	0	0	4	5	6	6	****	****	9	8	8	8	8	7	6	5	5	4
26	4	3	3	2	2	2	2	2	2	9	8	8	7	7	7	7	6	6	5	4	4	5	4	4	5
27	4	3	3	3	2	2	2	1	1	8	7	6	6	6	7	8	10	9	11	5	4	5	4	4	5
28	4	3	3	2	2	2	2	1	1	5	5	5	5	5	5	6	5	5	4	4	3	3	2	1	5
29	4	4	3	3	2	2	2	3	3	8	8	9	10	****	****	****	14	9	6	5	3	3	2	1	5
30	1	1	0	0	0	0	1	10	0	1	2	2	2	3	4	4	4	4	5	3	4	4	3	3	3
31	2	2	2	2	2	2	2	2	2	3	4	4	4	4	5	5	5	4	5	4	4	4	4	4	3
MEAN	5	5	5	4	3	3	3	4	4	6	6	6	7	8	7	7	8	8	7	6	5	5	5	5	5

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	5	3	2	2	3	3	3	4	6	6	6	4	6	6	7	7	7	6	4	6	5	4	5
2	4	4	4	4	5	5	4	4	5	6	5	6	6	6	7	6	6	7	10	9	4	4	4	6	5
3	0	0	0	0	0	0	5	2	1	4	4	5	7	10	5	4	4	4	4	4	3	2	2	2	3
4	2	1	1	0	0	0	5	2	4	13	17	13	15	17	19	19	18	20	23	17	9	8	7	6	10
5	5	3	2	2	2	3	6	15	12	8	11	14	12	12	13	17	16	19	7	6	5	6	5	4	9
6	4	4	3	3	2	4	3	4	5	7	7	8	10	11	12	13	13	13	12	11	10	12	10	9	8
7	9	9	8	7	6	6	7	8	9	11	14	15	****	****	****	****	****	7	6	4	3	2	2	1	7
8	0	0	0	0	0	0	0	0	1	4	5	7	5	5	7	9	9	7	6	5	4	5	3	2	4
9	1	1	0	0	0	0	0	1	****	****	6	10	10	8	9	8	6	6	5	3	2	3	3	1	4
10	0	0	0	0	0	0	0	0	1	3	5	6	7	7	8	8	9	8	7	5	6	6	4	4	8
11	4	3	5	2	3	2	2	2	5	6	7	12	9	7	13	22	21	17	11	5	7	10	11	11	8
12	3	2	2	1	1	1	1	1	2	3	4	4	4	5	6	6	6	11	5	4	4	4	3	2	4
13	2	2	2	1	1	0	0	0	1	2	4	4	5	6	7	8	8	8	7	6	6	4	4	4	4
14	3	2	2	2	2	2	2	2	2	3	5	4	5	5	****	****	****	****	****	****	****	****	****	****	****
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	6	5	5	6	4	4	3	****
22	2	2	2	2	1	1	2	3	4	6	7	8	6	9	8	8	7	7	7	5	4	6	7	6	5
23	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	3	7	7	7	7	9	8	****
24	4	4	4	4	4	4	7	7	6	8	11	11	12	10	10	3	4	8	7	9	9	11	12	12	6
25	10	10	9	9	8	4	5	3	2	2	5	10	8	8	8	6	10	10	7	4	4	5	8	6	8
26	6	6	5	4	4	4	5	3	2	2	5	10	8	8	5	6	3	2	1	1	0	3	2	1	4
27	0	0	0	0	0	0	0	0	0	5	7	3	4	4	5	5	5	4	4	4	4	5	6	6	3
28	1	1	1	1	0	****	0	1	1	2	4	5	5	6	****	****	****	16	13	10	7	6	6	5	5
29	5	5	5	4	4	4	5	6	7	15	19	25	25	28	27	23	15	11	11	9	9	10	10	8	12
30	4	3	3	2	2	2	3	3	4	6	8	8	8	9	9	10	9	9	8	7	5	6	6	5	6

PERCENTAGE OF DATA VALID - 73

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH JUL 70

PERCENTAGE OF DATA VALID - 31

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH SEP 70

PERCENTAGE OF DATA VALID - 16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	1	2	7	11	17	5	8	5	5	5	5	3	2	2	2	2	2	4
2	1	1	2	2	2	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	3	2	2	2	2	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1	1	1
4	0	1	0	0	0	0	0	0	0	0	1	1	1	2	3	2	2	2	2	2	1	1	1	1	1
5	1	1	0	0	0	0	0	0	0	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	****
15	2	2	2	2	3	3	2	3	4	3	2	2	2	3	2	2	0	0	0	0	0	0	0	0	1
16	2	3	3	2	2	0	0	0	0	0	1	1	1	2	3	3	3	3	3	2	2	2	2	1	1
17	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	7	6	5	5	5	5	4	4	4
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	2
19	4	4	4	3	2	2	1	1	1	1	3	5	****	1	1	1	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	11	2	1	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	****	3	2	2	3	5	3	3	2	2	1	1	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	5	4	5	6	8	5	2	2	1	1	1	1	1	2
23	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	8	6	2	1	1	1	1	1	1	1
24	1	1	1	1	0	0	0	0	0	0	0	1	2	2	3	3	3	2	1	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	4	4	3	2	0	0	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
27	2	2	2	2	1	2	1	2	0	1	1	2	3	4	3	3	3	2	2	1	1	1	0	0	****
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0
29	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	****
31	1	1	1	1	1	1	1	1	1	2	2	4	5	5	5	5	4	4	3	3	2	2	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	2	3	2	3	3	3	3	2	2	2	1	1	1	1	2

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST

NO 14016

MONTH NOV 70

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1	2	1	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2	1	1	1	2	0	2
2	1	1	0	1	1	1	0	1	1	2	***	***	***	1	3	4	4	5	4	4	5	4	4	4	2
3	4	4	4	4	4	3	3	3	3	3	3	3	4	3	3	0	1	1	1	1	1	1	0	1	2
4	1	1	0	1	0	0	0	1	0	1	0	0	1	0	1	1	0	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***	2	2	1	1	1	1	1	1	1
6	2	2	2	2	1	1	1	1	1	4	2	4	5	4	3	3	3	2	1	1	1	2	1	1	2
7	1	1	1	1	1	1	1	0	0	0	2	2	2	2	2	2	1	1	0	1	1	1	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	2	1	1	1	1	0	0	0	1
9	1	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	3	3	3	2	3	2	2	2	1
10	2	3	3	2	2	5	5	3	2	***	***	2	2	2	2	2	2	1	1	1	2	1	1	1	2
11	0	0	0	0	0	0	0	0	0	1	1	1	2	4	2	2	2	2	1	1	1	1	1	1	1
12	0	1	0	0	0	0	1	1	2	2	1	4	5	7	5	1	3	2	1	1	0	0	0	0	2
13	0	0	0	1	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	21	27	25	21	18	14	11	9
28	8	7	7	7	5	4	3	3	3	3	3	2	2	2	0	0	0	0	0	0	0	0	0	0	3
29																									
30																									
MEAN	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2	2	3	4	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 44

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

HOUR DAY	STATION - MET TOWER COURTRIGHT OAMST								NO 14016								MONTH DEC 70								MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	***	***	***	***	***	***	***	***	***	***	46	48	39	7	2	2	2	2	2	2	2	3	3	2	***
2	2	2	2	2	2	2	2	1	2	2	3	3	3	1	1	1	1	2	2	2	3	3	3	3	***
3	***	***	***	***	***	***	***	***	***	0	0	1	1	1	1	1	2	2	2	2	3	3	3	3	***
4	2	2	2	2	2	2	2	2	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	0	0	0	0	0	***
6	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	5	3	3	2	3	2	2	2	4	***
9	4	4	3	4	4	4	3	3	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	0	0	0	0	2	3	1	1	1	1	1	0	0	0	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	1	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	0	0	0	0	0	***
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	***	***	***	***	***	***	***	0
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	6	1	13	2	1	1	1	***
19	3	2	1	0	2	3	3	2	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	0
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	***
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	1	2	3	3	4	3	3	2	2	2	3	4	3	3	2
31	3	3	3	3	3	2	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	1	1	1	1	1	1	1	1	1	0	4	5	4	1	1	1	1	1	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - MET TOWER COURTRIGHT OAMST NO 14016
POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	3	6	15
FEB	11	2	5	30
MAR	4	5	7	22
APR	22	5	11	34
MAY	28	5	17	30
JUN	24	6	12	28
JUL	10	4	9	21
AUG	DATA MISSING			
SEP	6	3	4	6
OCT	23	2	4	17
NOV	15	2	3	27
DEC	21	1	2	48
YEAR	190	4	17	48

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - MET TOWER COURTRIGHT OAMST NO 14016

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	463	85	7	1	0	0	556
FEB	221	16	2	2	1	0	242
MAR	33	26	4	5	0	0	68
APR	273	159	45	17	2	0	496
MAY	347	209	37	39	3	0	635
JUN	230	238	33	24	2	0	527
JUL	149	68	13	5	0	0	235
AUG	DATA MISSING						
SEP	108	13	0	0	0	0	121
OCT	460	35	2	1	0	0	498
NOV	296	15	2	4	1	0	318
DEC	315	3	1	0	1	2	322
YEAR	2895	867	146	98	10	2	4018

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
50	0	0.3	0.8	1.9	3.8	8.0	11.5	15.5	18.9	48	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	2	1	1	1	1	0	0	0	0	0	0	0	4	3	2	2	2	1	1	1	1	1	1	1
2	0	1	2	2	2	1	1	1	1	0	1	3	3	4	7	3	2	2	2	2	2	2	2	2	2
3	2	3	2	2	1	1	1	1	1	1	1	1	1	****	3	2	1	0	0	0	0	0	1	1	1
4	0	1	1	0	1	0	0	0	1	0	0	0	1	2	0	0	1	1	2	****	****	****	****	****	1
5	****	****	****	****	****	****	****	****	****	****	****	2	1	2	2	2	2	2	2	2	2	2	2	2	****
6	2	3	3	3	3	2	2	2	2	2	2	1	1	1	****	0	0	2	1	1	1	0	0	0	1
7	0	****	2	2	2	1	1	1	2	2	4	5	2	****	3	3	4	4	4	2	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	2	2	2	2	3	2	2	0	2	4	3	3	3	3	3	2
9	****	3	2	2	4	4	2	2	3	2	2	2	****	3	2	1	1	1	1	1	1	1	1	1	2
10	****	2	1	1	1	1	1	1	1	0	0	0	****	1	0	0	0	0	0	0	0	0	1	2	1
11	****	5	3	3	3	4	3	2	3	6	11	8	****	3	3	2	1	0	0	0	1	0	1	1	3
12	****	2	1	2	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	0	0	0	0	1
13	0	0	2	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	1
14													DATA MISSING												
15													DATA MISSING												
16	****	****	****	****	****	****	****	****	****	****	****	3	2	2	8	8	5	3	3	3	2	2	3	3	****
17	2	3	2	2	2	2	1	1	0	1	1	1	0	0	0	0	3	0	1	1	1	2	0	0	1
18	0	1	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	2	2	1	1	2	1	1	1	1	1	2	1	1	2	1
20	0	3	2	1	1	1	1	1	1	3	2	3	9	6	5	3	2	2	1	1	1	1	1	0	2
21	1	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	1
22	0	2	1	1	1	1	1	1	2	1	2	13	11	11	11	10	6	6	3	2	2	7	14	13	5
23	4	9	9	2	1	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	1	3	1
24	3	3	2	0	1	2	2	3	2	4	6	8	7	5	6	4	3	4	9	14	11	9	6	5	3
25	6	7	4	3	5	3	2	3	1	2	2	2	3	5	6	6	5	2	2	1	1	1	1	1	2
26	2	3	4	2	3	2	2	2	2	****	****	4	3	2	3	2	1	1	1	1	1	1	1	1	3
27	1	4	5	4	5	4	2	1	2	5	6	5	2	3	3	4	8	11	25	14	13	13	5	3	6
28	2	3	2	2	2	2	1	1	1	2	3	4	4	3	5	6	8	11	25	14	13	13	5	3	6
29	2	2	3	2	1	3	3	2	2	3	3	2	2	2	3	2	2	2	7	7	8	4	3	3	3
30	2	4	4	3	3	2	2	2	2	3	3	2	2	2	3	2	2	2	7	7	8	4	3	3	3
31	3	5	7	10	10	10	11	14	13	15	17	13	10	7	5	4	4	5	4	5	5	3	2	3	8
MEAN	1	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	2	2	2	2	3	3	2	3	6	7	5	5	4	2	4	2	2	3	3	3
2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	1	1	2
3	1	2	5	4	3	1	2	2	3	****	****	****	****	1	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	3	2	4	3	3	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	****	9	5	1	0	0	0	0	0	0	0	0	0	0	0	1	****
6	1	1	2	2	1	2	2	3	2	3	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8	3	6	5	5	5	6	6	5	3	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3
9	3	3	3	3	3	2	2	2	****	****	****	1	1	2	2	2	2	1	1	1	1	1	1	1	2
10	1	2	2	2	2	2	1	1	2	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	2
11	3	2	1	2	1	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1
12	1	1	2	2	1	1	1	2	2	2	2	2	3	3	1	1	1	2	2	2	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	1	2	1	1	1
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	****
15													DATA MISSING												
16													DATA MISSING												
17	****	****	****	****	****	****	****	****	****	****	****	1	2	2	4	4	3	2	2	2	3	3	3	3	****
18	3	4	5	5	7	7	11	14	10	12	7	7	6	4	2	2	2	1	1	1	2	2	2	2	5
19	****	****	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1
20	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
21	1	1	1	2	2	1	2	4	5	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****
22													DATA MISSING												
23													DATA MISSING												
24	****	****	****	****	****	****	****	****	****	****	****	0	6	6	3	1	0	0	2	0	1	0	0	0	****
25													DATA MISSING												
26	****	****	****	****	****	****	****	****	****	****	****	4	7	8	9	5	9	7	12	5	5	4	4	5	14
27	5	9	4	3	7	4	0	0	0	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	6	6	12	14	14	14	15	13	12	10	8	10	6	6
2	10	7	5	3	1	4	3	2	2	2	3	4	3	2	1	2	1	1	1	1	1	1	1	1	3
3	***	***	***	***	***	***	***	***	***	***	***	2	3	4	5	6	4	***	***	1	1	1	1	1	***
4	1	1	1	1	1	1	1	1	2	2	2	2	2	4	3	3	6	6	6	6	6	6	6	5	3
5	4	4	4	4	8	8	6	6	6	6	5	4	3	3	2	4	4	3	3	3	3	2	2	2	4
6	2	2	2	2	1	2	1	0	***	0	3	6	4	7	7	8	10	6	3	3	4	3	4	4	1
7	1	2	2	2	0	0	2	1	1	2	2	0	0	0	0	0	0	0	1	3	4	3	4	4	1
8	4	4	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	***	***	***	***	***	***	***	***	***	***	***	1	1	0	0	0	0	0	0	0	0	0	0	0	***
10	0	0	2	4	3	2	1	***	***	***	4	4	4	6	6	6	6	5	4	4	4	4	4	4	4

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

11	***	***	***	***	***	***	***	***	***	1	2	4	5	7	7	7	5	2	2	1	1	1	1	1	***
12	1	1	1	2	4	6	6	5	7	6	7	7	6	5	4	4	4	7	7	6	6	6	6	6	5
13	5	5	5	4	7	6	6	6	6	6	6	5	5	4	4	5	6	5	4	4	4	3	4	4	5
14	4	4	4	3	6	5	4	3	4	5	10	6	4	4	2	***	***	***	***	***	***	***	***	***	***

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

15	***	***	***	***	***	***	***	***	***	***	***	3	2	2	2	2	2	2	1	1	1	1	1	1	***
16	1	1	1	1	***	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	1	0	1
17	0	0	0	0	***	1	0	0	0	0	0	1	4	4	4	6	***	2	1	0	0	0	0	0	1
18	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	3	2	1	1	3	2	2	6	6	1
19	6	7	10	9	7	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
21	2	1	1	1	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1

22	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
23	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
24	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
25	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
26	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
27	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
28	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
29	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
30	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
31	0	0	0	0	2	2	2	2	3	3	3	2	1	2	1	0	0	0	0	0	1	1	0	0	1
MEAN	2	2	3	2	3	3	3	2	2	2	3	3	3	3	3	3	4	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 70

STATION - VICTOR 12 SHIP																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	2	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	
2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	2	2	2	2	
3	1	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	1	***	
4	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	3	3	2	2	2	2	1	0	0	1	
5	1	1	1	1	2	2	2	1	1	1	1	1	2	2	3	4	2	2	2	1	1	1	1	1	2	
6	0	0	0	0	2	2	2	5	3	2	4	4	2	3	1	0	***	6	7	11	9	7	4	6	4	
7	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	12	11	10	8	8	6	3	2	8	
8	10	10	10	10	9	10	10	10	9	8	9	9	9	8	8	1	0	1	0	0	0	0	0	0	1	
9	1	1	1	1	2	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	0	
11	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	
12	0	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	
13	2	2	2	2	4	2	2	1	0	1	***	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	4	4	1	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	4	
17	7	8	8	9	10	10	9	16	5	3	2	1	1	1	0	1	0	1	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	
19	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	
20	0	0	0	0	***	0	1	2	1	3	***	3	1	1	1	1	2	2	1	0	1	0	1	2	1	
21	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	
22	0	0	0	0	0	0	0	1	0	1	1	2	4	5	6	8	10	18	2	1	1	1	1	1	3	
23	1	2	2	2	5	2	2	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	1	
24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	2	
25	0	0	0	2	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	2	4	4	4	4	4	
26	4	2	4	8	7	9	8	2	2	3	4	4	4	4	4	4	3	2	2	1	0	0	0	0	1	
27	4	4	4	2	2	2	4	8	***	13	9	8	7	6	8	6	2	2	2	2	4	4	3	4	5	
28	2	1	1	0	0	0	0	0	0	0	1	3	2	2	2	6	4	8	4	3	3	3	3	4	2	
29	4	2	3	4	2	1	1	1	0	1	6	7	***	***	9	8	8	4	3	3	3	3	3	4	7	
30	3	3	3	4	4	4	4	4	4	4	7	8	10	8	8	8	9	9	15	12	9	8	7	10	9	
MEAN	2	1	2	2	2	2	2	2	1	2	2	2	2	2	3	2	3	3	2	2	2	1	2	2	2	

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	7	8	8	8	7	6	7	5	7	8	13	11	10	12	9	10	5	4	3	3	3	3	3	7
2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	3	3	3	4	4	4	5	3
3	3	2	2	3	2	2	2	3	2	2	3	5	4	6	7	9	19	19	15	9	10	10	10	11	7
4	13	16	16	17	17	17	10	9	3	4	8	8	4	6	7	2	2	2	1	1	1	1	1	2	1
5	0	0	0	2	2	3	3	4	4	7	11	3	3	2	1	1	2	0	2	1	1	1	2	1	2
6	2	1	0	0	1	0	1	0	1	1	2	2	2	2	0	1	0	1	0	0	0	0	2	1	1
7	2	1	0	1	3	3	2	6	5	11	10	8	7	7	6	6	5	6	13	8	3	4	6	4	5
8	6	7	8	3	3	2	3	1	2	2	3	3	2	2	1	2	1	0	0	1	1	1	3	8	3
9	6	5	2	2	3	5	5	7	2	2	5	5	5	5	7	7	7	6	7	5	7	9	12	10	6
10	9	11	9	7	9	10	9	9	4	6	8	7	6	6	7	9	8	8	6	2	1	1	2	3	7
11	1	2	1	1	1	1	0	0	2	***	6	4	3	3	2	2	2	1	1	1	1	1	3	3	2
12	2	2	2	2	2	2	1	0	2	2	4	3	3	3	3	3	3	3	5	7	5	6	5	3	3
13	3	3	3	3	3	2	1	0	2	2	4	3	3	3	2	2	2	0	1	0	0	1	1	2	1
14	0	0	0	0	0	0	0	0	1	1	3	3	2	2	3	2	1	0	0	1	0	1	3	2	1
15	1	1	1	2	0	0	0	1	3	3	6	10	9	16	11	8	4	5	4	4	3	3	5	6	4
16	4	5	4	3	2	2	2	1	1	2	6	3	3	3	2	2	3	3	4	4	2	1	3	3	3
17	3	2	1	1	1	1	0	0	1	1	2	1	1	0	0	0	0	0	1	1	0	0	2	1	1
18	0	0	0	0	1	0	1	2	4	9	7	***	4	4	3	3	8	7	7	4	8	9	12	10	4
19	5	4	3	2	2	6	4	1	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	9	11	9	7	4	4	4	9	7	4	7	13	12	8	7	5	5
22	4	4	4	4	3	3	2	1	1	2	1	2	2	2	2	1	1	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	2	2	***	10	7	8	10	9	4	4	4	3	2	1	1	1	3
26	1	0	2	7	6	5	4	1	1	1	1	2	2	2	1	1	1	0	0	1	1	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	***	4	3	3	3	3	3	3	3	3	3	3	2	2	2
30	3	2	2	2	2	2	2	3	4	6	8	8	8	10	8	6	4	4	4	4	4	2	2	4	4
31	4	6	5	5	5	5	5	3	3	7	6	5	4	4	4	5	4	4	7	7	7	7	6	5	5
MEAN	3	3	2	2	3	3	2	2	2	3	4	4	3	4	3	3	3	3	3	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	8	8	7	7	6	8	4	7	9	***	10	8	8	8	7	5	5	3	0	0	2	3	2	6
2	2	1	2	4	3	2	3	4	7	9	10	11	11	10	5	2	1	0	0	0	0	0	0	0	4
3	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	4	1	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	2	2	2	1
5	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	2	2	2	2	2	2	2	2	3
6	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2
7	1	0	0	0	0	1	2	3	4	5	3	4	4	3	2	2	2	2	2	2	2	2	2	3	2
8	***	***	***	***	***	***	***	***	2	2	2	4	3	3	***	4	3	2	2	2	2	2	2	3	***
9	2	2	3	3	3	5	9	4	4	3	3	4	4	4	4	4	4	4	4	6	7	9	10	8	5
10	6	4	9	9	6	10	12	6	7	5	4	5	4	4	4	4	4	4	5	6	5	5	8	11	6
11	6	7	7	5	4	4	4	3	3	3	2	4	3	3	2	2	2	3	3	3	2	3	2	4	4
12	5	4	3	2	2	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	1	1	1	1	2
13	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	1	1	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	1
15	2	2	2	2	2	2	2	1	1	1	2	2	3	5	5	4	4	4	2	2	2	2	2	2	3
16	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	6	5	5	4	4	3	2	2	5	3
17	2	2	3	3	4	5	6	5	4	3	4	4	3	3	3	4	4	3	3	3	5	5	4	4	4
18	3	3	4	4	3	0	1	2	2	2	2	2	1	1	0	0	0	0	0	1	1	1	0	1	1
19	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	2	1	0	1
20	0	0	0	0	2	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	5	5	4	5	5	2	4	2
24	5	4	5	6	8	6	7	6	5	3	5	6	6	5	***	4	4	***	***	***	***	***	***	***	5
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	0	0	0	0	0	***	0	0	***	***	***	0	1	1	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
28	4	1	2	2	7	1	0	1	1	1	0	2	3	3	1	2	1	2	7	3	5	5	5	5	2
29	4	2	4	6	7	6	7	11	10	***	15	6	4	***	3	***	***	***	***	***	***	***	***	***	***
30	0	***	***	***	***	1	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	22	23	24	MEAN
1	1	0	1	1	1	0	1	3	5	6	5	4	6	3	0	0	***	***	***	***	***	***	0	***	2
2	***	***	***	***	***	***	0	0	0	0	1	1	2	2	0	6	2	4	2	1	1	0	0	1	1
3	2	2	2	2	3	1	0	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	3	4	5	4
7	3	4	6	7	6	6	8	7	6	3	1	0	0	***	2	1	1	0	0	0	0	0	0	0	0
8	5	5	4	4	3	3	3	6	7	4	3	3	3	1	1	1	0	0	0	0	0	0	0	1	2
9	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	1	0	0	1	1	1	2	1
10	1	1	1	1	1	0	0	0	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	2	1
11	2	1	1	1	1	1	1	1	0	0	1	2	1	2	1	0	1	1	1	1	1	1	0	1	1
12	DATA MISSING												0	0	0	0	0	0	0	0	0	0	0	0	
13	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
14	0	2	4	5	5	3	1	0	2	2	7	7	4	4	4	4	4	4	4	5	4	4	4	3	4
15	3	3	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	2	3	1
17	1	1	1	0	0	0	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0	0	1	2	1
18	1	1	1	1	0	0	0	0	0	0	1	2	0	0	1	1	0	0	0	0	0	1	1	1	1
19	0	0	0	0	0	0	0	0	0	0	1	1	1	3	4	3	3	3	4	4	5	5	5	1	2
20	1	1	1	1	1	1	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	1	1	1
21	1	1	0	0	0	0	0	0	1	1	2	3	2	3	3	3	2	3	3	3	3	4	5	5	2
22	4	4	3	2	2	2	4	5	2	3	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3
23	2	2	2	2	2	2	2	2	2	2	4	4	3	4	4	4	4	4	4	4	1	1	6	6	3
24	4	4	4	4	4	4	4	5	5	3	5	5	4	3	3	3	3	3	2	2	2	1	1	2	3
25	3	2	1	1	0	0	2	2	1	1	3	3	3	4	4	4	3	4	4	6	4	5	6	6	3
26	6	6	5	3	3	3	3	3	3	3	2	3	6	7	7	7	6	6	7	7	6	6	7	8	5
27	2	2	2	1	1	1	2	4	7	7	4	4	3	5	7	5	4	3	3	3	3	3	3	3	4
28	5	5	4	3	3	4	5	1	3	3	4	8	8	17	16	12	9	6	4	5	5	4	3	3	5
29	2	3	3	3	2	1	7	5	6	7	7	5	4	7	12	6	6	6	4	4	4	4	4	4	5
30	2	3	4	4	4	6	1	5	6	7	7	5	4	7	12	6	6	6	4	4	4	4	4	4	5
31	6	6	4	2	2	2	3	3	3	3	3	3	1	2	2	1	0	0	0	0	0	0	0	0	2
MEAN	2	2	2	2	2	1	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	0	0	0	
2	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	0	
3	***	***	***	***	***	***	***	***	***	***	0	0	DATA MISSING	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	3	1	1	1	0	2	2	0	0	0	0	0	0	0	0	0	0	
5	0	1	1	0	0	0	0	0	0	5	4	2	2	3	3	2	2	1	1	1	0	0	0	0	0	
6	0	1	1	0	0	0	0	1	3	6	6	5	3	4	4	2	2	1	2	1	0	0	0	0	0	
7	0	1	0	0	0	0	0	0	1	0	0	0	0	2	3	3	3	4	4	4	4	4	4	2	2	
8	4	5	4	4	4	3	3	3	3	3	3	3	3	6	7	7	6	5	7	7	7	6	5	5	5	
9	5	9	7	6	5	5	5	4	3	1	0	0	2	2	2	1	1	1	1	1	0	0	0	0	3	
10	0	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	
11	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	
12	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	
13	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	2	2	3	3	3	4	2	1	
14	0	1	1	0	0	0	0	0	0	1	1	1	1	1	2	2	3	2	2	3	3	4	2	1	1	
15	1	3	2	2	1	2	2	7	6	5	6	5	3	3	6	4	9	9	7	9	6	4	2	4	5	
16	4	6	8	6	3	2	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	
19	0	1	1	4	2	3	2	2	1	4	5	2	1	1	1	0	0	0	1	1	1	1	1	1	1	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
21	DATA MISSING												0	0	1	1	0	0	0	0	0	0	0	0	0	
22	DATA MISSING												0	0	1	1	0	0	0	0	0	0	0	0	0	
23	DATA MISSING												0	0	1	1	0	0	0	0	0	0	0	0	0	
24	***	***	***	***	***	***	***	***	***	***	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	
25	1	2	4	3	4	2	3	0	2	3	2	3	3	1	1	5	9	14	10	7	5	4	3	6	7	
26	7	4	3	4	4	2	3	2	0	0	0	0	1	1	1	2	2	4	3	2	1	2	2	4	1	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
28	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	1	***	***	***	***	***	***	***	***	***
MEAN	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2	0	1	0	0	0	***	***	2	5	12	15	3	6	6	6	3	3	2	2	3	1	0	0	0	3
3	1	1	1	0	1	2	3	5	8	8	6	5	6	10	9	7	4	5	3	5	5	5	6	5	5
4	3	3	2	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1
5	1	1	2	1	1	1	1	1	0	0	0	0	0	1	2	1	1	1	1	2	2	1	1	0	1
6	0	2	3	2	1	1	1	1	2	3	6	5	4	10	8	12	6	3	2	2	1	***	***	***	4
7	***	***	3	2	1	1	2	2	2	2	***	2	2	2	3	2	2	2	2	2	1	1	1	1	2
8	2	2	3	4	3	4	4	5	3	***	6	3	2	2	2	1	1	1	1	1	1	1	1	1	2
9	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	2	3	2	1	0	0	0	0	0	1
10	0	2	1	0	0	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	3	0	0
12	0	0	0	0	0	0	0	0	2	3	3	1	1	5	8	8	5	3	2	1	1	4	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0
15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	2	0	0	0	1
16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	***	***	0	0	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
19	0	0	0	0	***	***	***	0	3	3	2	2	2	3	4	4	3	8	2	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	2	1	1	1	1	2	2	2	2	2	2	2	1	1	3	1
21	4	5	5	5	4	4	4	4	8	8	6	7	8	7	5	5	5	5	6	7	11	8	6	3	6
22	2	2	3	2	4	4	4	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	***	0	0
24	***	***	***	***	***	***	***	***	0	3	5	5	5	6	6	6	5	4	4	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	1	1	1	5	5	4	4	4	4	2	0	0	0	1
26	0	0	0	0	2	2	3	4	4	5	7	8	12	6	2	1	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
28	0	0	1	0	0	0	0	0	0	0	0	0	0	1	3	1	0	1	1	1	0	0	0	0	0
29	1	1	1	0	0	0	0	0	0	0	0	0	0	2	3	4	4	3	4	5	5	4	2	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	2	2	1	2	2	3	2	2	2	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	0	0	0	0	0	0	1	3	14	10	9	4	3	4	1	0	0	0	0	2
2	0	0	2	2	2	2	2	5	5	3	2	0	0	0	1	0	0	0	0	0	0	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	0	0	0	0	0
5	0	1	1	1	0	1	1	1	1	1	6	8	4	11	9	15	10	10	11	15	9	11	12	11	6
6	12	12	12	9	10	9	8	6	6	8	12	11	13	18	23	33	11	5	4	4	4	3	4	3	10
7	3	6	5	5	6	3	3	4	***	14	17	14	17	26	25	10	3	2	2	1	1	2	2	2	8
8	2	2	2	2	1	1	2	3	5	8	7	5	2	3	4	3	3	3	3	3	3	2	2	1	3
9	1	2	3	3	2	2	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
10	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	0
11	***	***	2	1	0	1	0	0	0	1	0	0	***	***	1	1	1	1	1	1	1	***	***	***	1
12	***	***	4	4	2	2	2	2	2	1	1	1	2	4	4	4	4	3	1	1	0	1	1	0	2
13	0	1	1	1	1	0	0	0	***	***	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	0
15	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	***	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	1	0
17	1	1	1	1	1	1	1	1	1	1	0	0	1	2	3	1	2	2	1	1	1	0	1	1	1
18	3	3	4	2	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1
19	1	1	2	1	1	0	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	0	0	0	1
20	0	1	1	0	0	0	0	0	0	0	1	1	2	3	2	1	1	1	1	0	0	0	1	1	1
21	1	***	2	1	1	1	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	1	3	17	3	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	1	0	0	0	0	0	0	0
30	0	1	1	1	0	0	0	0	0	0	0	0	0	1	3	6	1	2	0	0	0	0	0	0	1
31	0	0	0	0	0	0	1	1	1	4	10	2	3	10	3	4	2	1	1	0	0	0	0	0	2
MEAN	1	1	2	1	1	1	1	1	1	2	2	2	2	4	4	3	2	1	1	1	1	1	1	1	2

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	4	3	4	4	4	3	1	0	0	0	0	0	0	0	1
2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	7	6	8	9	6	5	3	4	5	7	7	8	8	8	1	0	4
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	DATA MISSING												1	1	1	1	1	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	4	6	8	9	8	6	3	1	0	2	0	2	2	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	0	0	1	3	2	4	9	6	3	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	3	2	1	1	2	2	3	1	0	1
19	0	0	1	2	6	6	3	3	8	10	11	8	11	12	18	5	5	2	1	0	0	0	0	0	5
20	0	0	1	0	0	0	0	0	0	0	0	5	9	10	4	1	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	2	2	1	1	1	1	0	0	1
22	0	0	0	0	0	0	0	2	4	6	8	10	8	2	0	0	0	0	0	0	0	0	0	0	2
23	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	1	1	4	5	6	6	8	8	11	15	9	6	4	4	4	4	3	3	2	2	2	2	5
26	2	4	6	6	6	7	4	6	11	14	14	10	13	8	9	9	6	5	5	6	7	5	4	7	7
27	3	3	4	4	4	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1	0	0	0	0	0
28	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	2	2	1	1	0	0	0	1	1	1	2	2	7	5	3	2	1	1	1	1	0	0	2
30	0	1	1	1	0	0	1	0	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1
MEAN	0	0	1	1	1	1	1	1	2	2	3	3	3	2	2	2	1	1	1	1	1	1	1	0	1

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	1	1	2	3	3	3	3	4	2	2	10	11	16	20	23	19	12	1	0	0	6
2	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
3	0	0	0	1	65	1	1	1	1	1	1	1	1	1	1	2	2	2	2	12	8	0	0	0	5
4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	1	1	4	7	7	7	7	7	3	1	1	1	0	0	0	0	0	0
6	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
7	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	7	9	11	10	9	9	9	9	6	3	1	1	1	1	0	2	1	1	0	0	0	0	0	1	4
10	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
12	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
13	0	0	0	0	2	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0
14	0	0	0	1	1	1	1	1	3	7	7	8	7	6	4	3	2	1	1	1	1	0	0	0	2
15	1	1	0	2	2	2	2	2	2	2	2	4	15	5	10	3	1	1	1	1	0	0	0	0	1
16	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1
19	1	2	4	6	6	6	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	1	1	1	2	2	1	0
22	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	2	3	2	1	1	0	0	0	0	0
23	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	2	2	3	3	3	1	1	1	2	0	1	4	6	3	3	2	2	1	1	1	1	1	1	1
26	0	0	1	1	1	1	1	1	0	0	0	0	1	2	3	4	7	6	3	1	2	1	1	1	2
27	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
28	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	0	1	1	1	0	1	4	7	7	5	3	4	4	6	7	7	8	8	8	9	9	9	9	5
30	9	11	13	14	14	13	12	12	11	16	12	9	9	8	9	10	9	9	9	9	9	9	9	9	1
31	8	8	8	9	8	8	7	7	6	0	0	0	1	2	3	3	2	2	3	2	2	2	2	1	4
MEAN	1	1	2	2	4	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2	2	2	1	1	2

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	8	25
FEB	23	2	5	14
MAR	22	3	6	15
APR	30	2	8	18
MAY	31	3	7	19
JUN	30	2	6	15
JUL	30	2	5	17
AUG	27	1	5	14
SEP	30	1	6	15
OCT	31	2	10	33
NOV	29	1	7	18
DEC	31	2	11	65
YEAR	343	2	11	65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	580	55	16	3	0	0	654
FEB	418	37	5	0	0	0	460
MAR	342	95	6	1	0	0	444
APR	613	79	6	3	0	0	701
MAY	570	144	16	9	0	0	739
JUN	589	86	5	1	0	0	681
JUL	605	89	2	2	0	0	698
AUG	537	48	1	0	0	0	586
SEP	613	64	4	1	0	0	682
OCT	634	30	15	8	2	0	689
NOV	608	58	8	2	0	0	676
DEC	600	75	13	9	0	1	698
YEAR	6709	860	97	39	2	1	7708

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50 FREQUENC	70 CONCENTRATIONS DISTRIBUTION,	90	95	98	99	MAX	ARITH MEAN
87	0	0.2	0.5	0.8	1.7	5.0	7.2	9.8	11.9	65	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	2	2	2	2	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1
15	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
16	3	4	4	3	2	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	2	2	2	2	2
17	3	4	4	3	2	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	2	2	2	2	2
18	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2
19	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
20	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
21	3	3	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	3	3	3	2	2	3
22	4	4	3	2	2	2	2	2	2	2	2	3	5	4	4	4	4	4	4	4	4	4	4	4	4
23	5	5	4	4	4	4	4	4	5	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	1	1	2	2	3	3	2	3	2	2	2	2	2	3	4	9	3
25	5	5	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	2	3	2	2	1	2	2	3
26	4	3	3	4	3	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	3	4
27	4	4	4	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	3
28	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2	2	2	2	3
29	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	3
30	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	3
MEAN	3	3	3	3	3	3	2	3	3	2	3	3	4	4	3	3	3	3	3	2	2	2	2	2	3

PERCENTAGE OF DATA VALID - 54

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	2	2	2	2	2	0	2	2	2	2	1	2	2	2	2	2	3	2
2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15	2	3	4	3	2	2	2	2	2	2	2	3	4	4	3	3	3	2	2	2	1	1	3	3	3
16	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	2	1	1	1	1	1	2	2	2	2
17	1	2	2	2	2	1	1	2	2	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	3
18	5	5	5	5	5	5	5	1	1	1	1	2	2	2	2	1	1	1	1	0	0	1	1	1	2
19	1	1	1	1	1	0	0	0	1	1	3	3	3	3	3	3	2	2	2	2	2	0	1	1	2
20																									
21	1	1	1	1	1	1	1	0	0	0	0	3	3	3	4	3	3	3	2	2	1	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	4	4	4	3	2	2	2	2	2	2	3	3	2	2
23	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3
24	3	3	3	3	3	3	3	3	3	4	3	4	4	3	3	2	2	1	1	2	5	4	3	3	2
25	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	5	4	3	1	1	1	2	2	1	2
26	1	1	1	1	1	1	1	1	1	1	1	4	4	4	3	2	2	2	2	1	1	3	3	3	2
27	1	1	1	1	1	1	2	2	1	1	3	3	2	2	2	2	1	1	1	1	1	2	2	2	2
28	2	2	2	2	2	1	0	0	0	1	2	2	2	2	0	1	1	0	0	0	0	1	2	1	1
29	2	1	1	1	1	1	1	1	1	1	2	4	2	1	2	2	1	1	1	1	1	1	1	1	1
30																									
31	1	1	1	1	1	1	0	0	0	0	2	3	3	3	3	3	3	2	2	2	2	1	2	2	2
MEAN	2	2	2	2	2	2	1	1	1	1	3	3	3	3	2	2	2	2	2	2	2	1	2	2	2

PERCENTAGE OF DATA VALID - 57

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - KING/RECTORY LONDON FAIR NO 15001
POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	17	3	4	9
DEC	19	2	3	5
YEAR	36	2	4	9

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - KING/RECTORY LONDON FAIR NO 15001

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	DATA MISSING						
JUL	DATA MISSING						
AUG	DATA MISSING						
SEP	DATA MISSING						
OCT	DATA MISSING						
NOV	383	10	0	0	0	0	393
DEC	420	11	0	0	0	0	431
YEAR	803	21	0	0	0	0	824

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
56	0	0.4	1.2	1.8	2.5	3.4	3.8	4.2	4.6	9	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
MEAN	5	4	4	4	3	3	2	3	5	4	4	3	3	4	4	4	2	3	3	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	5	4	3	2	2	2	3	3	****	3	2	2	2	2	1	1	1	1	1	1	1	1	2
2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
4	0	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	4	5	2	1	0	0	0	0	0	0	2	1	1	1	0	0	1
8	0	1	1	0	0	0	0	****	****	1	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
10	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3
11	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	4	3
12	6	3	2	2	2	2	3	3	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	4	4	3	4	3	3	2	2	1	2
14	1	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	1	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
16	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	2	2	2	2	1	1	2	3	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2
20	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
21	2	2	2	2	2	1	1	1	1	2	1	1	2	2	2	3	4	4	4	4	4	4	4	4	2
22	4	3	3	4	3	3	3	3	3	3	4	3	4	3	3	3	2	2	2	2	2	2	2	2	3
23	2	2	2	4	7	5	3	4	3	2	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2
24	1	0	0	0	1	0	1	2	2	1	2	4	4	3	2	1	1	1	1	1	1	1	1	1	1
25	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	2	2	3	2	2	2	2	****	****	****	****	1	1	1	5	2	1	0	1	1	1	2
27	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	2	2	1	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	3	1	1	3	4	1
29	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0
30	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
31	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	3	3	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	3	3	2	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1
2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1
3	2	2	3	3	3	3	3	4	4	4	4	4	3	3	2	1	0	0	1	0	0	0	1	1	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	2	2	3	3	3	3	3	1
5	3	3	3	3	3	3	3	3	3	3	3	4	8	10	11	11	11	11	11	11	11	11	11	10	7
6	9	9	10	10	12	9	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7																									
8																									
9																									
10																									
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	5	5	5	5	5	5	5	4	****
12	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	5	4	6	5	5	5
13	5	4	4	4	3	3	3	3	3	3	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	4	4	4	4	4	3	3	2	2	2	3	2	3	4	4	4	4	3	4	4	3	4	4	4	3

PERCENTAGE OF DATA VALID - 23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													-	DATA MISSING	-										
2	****	****	****	****	****	****	****	****	****	****	****	****	DATA	****	****	5	5	5	6	6	6	6	6	6	****
3	6	6	6	6	6	6	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	
4	6	6	6	6	6	6	6	6	****	****	0	0	1	1	1	1	1	1	1	0	0	1	0	3	
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	
7	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	
8	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2	2	1	2	
9	1	1	1	1	1	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	0	1	
10	0	0	0	0	0	0	0	0	0	0	1	3	3	2	2	2	2	2	1	1	1	1	1	1	
11	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	****	****	****	****	****	
12													-	DATA MISSING	-										
13													-	DATA MISSING	-										
14	****	****	****	****	****	****	****	****	0	1	1	1	1	1	2	2	2	3	3	****	****	****	****	****	
15													-	DATA MISSING	-										
16													-	DATA MISSING	-										
17													-	DATA MISSING	-										
18													-	DATA MISSING	-										
19													-	DATA MISSING	-										
20													-	DATA MISSING	-										
21													-	DATA MISSING	-										
22													-	DATA MISSING	-										
23													-	DATA MISSING	-										
24													-	DATA MISSING	-										
25													-	DATA MISSING	-										
26													-	DATA MISSING	-										
27													-	DATA MISSING	-										
28													-	DATA MISSING	-										
29													-	DATA MISSING	-										
30													-	DATA MISSING	-										
31	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	3	3	2	2	2	****
MEAN	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	****	****	1
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	****	****	****	****	****	****	****	****	****	****	****	****	****	0	2	2	2	3	3	3	2	2	2	2	****
6	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	6	6	7	7	6	5	5	8	7	4
7	7	7	6	6	6	5	6	6	6	5	8	8	8	6	2	2	2	2	3	2	1	1	1	0	4
8	0	0	0	0	0	0	1	2	2	1	4	5	4	4	4	3	3	3	3	3	1	4	5	5	2
9	4	4	4	3	3	2	2	1	1	1	3	4	3	2	2	2	2	2	2	1	2	3	2	2	2
10	2	2	2	1	1	1	1	1	1	1	3	4	3	4	3	3	3	3	3	2	2	3	5	4	2
11	3	3	3	3	3	4	4	5	5	3	3	4	0	2	3	3	4	4	5	5	4	4	3	3	3
12	2	2	3	5	5	5	5	5	5	5	****	****	****	****	1	0	0	0	0	0	0	0	1	1	2
13	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	2	1	0
14	1	0	0	0	0	0	0	0	0	0	0	1	3	0	1	1	1	1	2	2	3	5	6	5	1
15	5	4	4	3	3	3	2	2	2	3	4	5	5	5	4	4	4	4	3	3	2	3	4	5	4
16	4	3	3	3	3	3	3	3	3	3	2	2	4	4	3	3	3	3	3	2	2	3	4	3	3
17	3	2	1	1	1	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	1	2	1	1
18	1	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	0	0	3	3	1
19	2	2	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	2	3	2	1
20	2	1	1	1	0	0	0	0	0	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	2	2	2	2	1	1	1	****
18	1	1	1	1	1	1	2	2	2	2	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23	****	****	****	****	****	****	****	****	****	****	****	****	0	2	2	2	2	2	2	1	1	0	0	0	****
24	0	0	0	0	0	2	2	1	1	1	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	1	0	0	0	0	0	0	****
29	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30																									
MEAN	0	0	0	0	0	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1

PERCENTAGE OF DATA VALID - 9

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	****	****	****	****	****	****	****	****	****	****	****	****	****	1	3	3	2	4	4	3	3	3	3	3	****	
2	2	2	2	2	2	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
3	****	2	2	2	2	3	4	3	****	3	4	4	3	3	3	3	3	4	4	4	3	****	****	****	3	
4	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	2	1	1	1	2	2	****	****	****	****	
5	****	****	****	****	****	****	****	3	3	2	2	2	3	2	1	1	1	2	2	****	****	****	****	****	****	
6	****	****	****	****	****	****	****	****	0	0	0	0	5	3	1	0	0	3	2	2	1	0	0	0	1	
7	0	0	0	0	0	0	1	1	1	3	2	2	****	****	****	****	****	****	****	****	****	****	****	11	****	
8	9	9	9	9	7	7	7	7	6	6	****	****	3	5	5	4	4	7	4	3	3	2	1	1	5	
9	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	5	5	6	6	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
11	5	5	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	2	2	2	****
12	1	1	0	0	0	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
13	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
14	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
15	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
16	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
17	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
18	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
19	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
20	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
21	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	6	2	0	3	2	1	1	3	2	****	
23	3	2	2	1	0	0	2	2	2	2	1	2	2	2	2	2	2	1	2	2	1	1	1	1	2	
24	1	1	1	1	0	0	2	2	2	0	3	2	0	0	1	1	4	5	****	****	****	****	****	****	1	
25	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
26	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
27	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
28	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
29	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	-	****	****	****	****	****	****	****	****	****	****	
30	0	0	0	0	0	0	0	4	2	1	1	1	0	0	0	0	0	0	3	2	2	1	1	1	1	
31	1	1	0	0	0	0	0	4	3	3	2	2	2	1	1	1	1	0	6	4	3	3	2	2	2	
MEAN	2	2	2	2	1	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3	2	

PERCENTAGE OF DATA VALID - 31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	0	0	0	6	5	4	3	3	2	2	2	2	2	2	6	4	4	4	3	3	3
2	2	2	2	2	1	1	1	5	4	4	3	2	2	1	1	1	1	2	6	5	4	3	3	2	3
3	2	1	1	1	1	1	1	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	0	0	0	***
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
6	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	0	1	0	2	2	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1
9	0	0	0	0	0	0	0	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	3	4	4	***
16	4	4	4	5	6	6	4	4	4	4	4	4	2	2	2	1	1	1	1	1	1	1	1	1	3
17	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	1	1	1	1	1	1	2	0	***
19	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0
20	1	1	1	1	1	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	1	1	1	1	0	0	0	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	-	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	1	1	1	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	6	5	5	4	4	4	4	4	***
27	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
28	3	3	3	3	3	3	3	3	3	2	2	1	1	3	3	2	2	2	2	2	1	1	1	1	2
29	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	2	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30	****	****	****	****	****	****	****	****	****	****	****	****	20	18	16	14	12	10	9	8	8	7	7	7	****
31	****	****	****	****	****	****	****	****	****	****	****	****	11	10	8	8	8	6	6	6	6	6	6	8	****
MEAN	****	****	****	****	****	****	****	****	****	****	****	****	16	14	12	11	10	8	8	7	7	7	7	8	9

PERCENTAGE OF DATA VALID - 3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	3	3	3	5
MAY	31	1	3	7
JUN	9	3	7	12
JUL	12	2	6	6
AUG	17	2	4	8
SEP	6	1	0	2
OCT	16	2	5	11
NOV	22	1	3	8
DEC	2	9	0	20
YEAR	118	2	7	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	49	6	0	0	0	0	55
MAY	729	7	0	0	0	0	736
JUN	131	30	10	0	0	0	171
JUL	199	41	0	0	0	0	240
AUG	330	47	0	0	0	0	377
SEP	67	0	0	0	0	0	67
OCT	212	24	1	0	0	0	237
NOV	405	18	0	0	0	0	423
DEC	0	18	3	3	0	0	24
YEAR	2122	191	14	3	0	0	2330

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
35	0	0.2	0.5	0.9	1.8	3.8	5.2	6.8	9.0	20	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - REEVES HOUSE PORT MAITLAND

NO 22012

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	1	0	0	0
2	1	1	1	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	0	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	***	1	2	0	1	1	0
18	0	0	0	0	0	0	0	0	***	1	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0
19	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
25	0	0	0	0	0	0	0	1	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
27	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	9	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - REEVES HOUSE PORT MAITLAND

NO 22012

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	25	22	33	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21																									
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	2	0	0	0	0	0	0	1	0	3	1	1	2	1	3	3	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	3	0	0	0	3	0	0	0	0
30	0	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 49

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - REEVES HOUSE PORT MAITLAND

NO 22012

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	3	2	***
3	0	0	0	0	0	0	0	0	0	0	0	0	0	6	2	2	0	0	2	1	2	4	6	1	1	
4	0	0	0	0	0	0	0	0	1	5	1	1	2	***	***	***	***	***	***	***	***	***	***	***	***	
5	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	0	0	0	0	0	0	0	0	0	0	0	***	
6	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	***	***	***	***	***	***	***	***	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9												DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
10												DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
11												DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
12												DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
13												DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
14												DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	
15	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	0	***	
16	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	1	3	3	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	
18	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
30	0	1	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - REEVES HOUSE PORT MAITLAND

NO 22012

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	***	0	0	0	1	6	1	1	1	1	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	5	1	2
5	1	1	4	21	0	0	3	0	0	4	0	1	0	1	1	1	1	1	0	1	1	1	1	1	2
6	3	1	0	0	0	11	0	21	1	9	1	0	0	0	0	0	0	2	1	1	0	0	0	0	2
7	1	0	0	0	0	1	1	31	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
8	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	1	0	1	0	1	1
10	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	3	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	1	0	0	1	1	***	1
12	***	0	0	0	0	0	0	1	1	1	2	2	1	1	0	0	1	0	0	1	0	0	1	0	1
13	0	1	1	2	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15																									
16																									
17	***	***	***	***	***	***	***	***	***	***	***	***	0	0	1	1	0	0	0	1	0	1	1	1	0
18	0	0	0	1	0	2	2	1	0	***	1	1	2	1	1	1	1	1	0	0	0	0	0	0	1
19	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	1	1	1	***	1	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	9	0	1	1	0	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	4	6	18	11	4	9	1	1	0	0	0	3	0	5	2	3	0	1	18	0	1	16	25	7	6
25	9	12	12	0	8	12	8	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	3
26	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0
27	1	1	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	7	13	6	1	1	1	0	4	0	7	1	3	0	0	0	0	0	0	0	0	0	0	0	2
MEAN	1	2	2	2	1	1	1	2	1	1	1	1	0	1	0	0	0	0	1	0	0	1	1	1	1

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

HOUR DAY	STATION - REEVES HOUSE PORT MAITLAND												MONTH DEC 70												MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	20	13	4	1	1	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	4	0	0
4	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
5	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	8	4	8	8	2
6	0	1	0	0	0	0	0	5	2	1	0	0	0	0	0	0	0	1	1	0	0	0	2	1	1
7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
9	0	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	8	11	3	6	9	2
10	2	0	7	29	16	0	0	0	0	1	2	0	2	1	0	0	0	0	0	0	0	0	1	1	3
11	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
12	0	0	1	0	0	0	3	9	3	7	6	5	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	1	0	1	2	2	2	2	5	6	4	4	6	3	3	3	3	1	0	1	0	5	3	2
14	0	1	4	7	11	3	0	0	0	1	0	6	2	0	1	0	0	0	3	9	3	7	6	5	3
15	3	1	2	0	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	2	2	1
16	2	0	1	2	0	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	- DATA MISSING -																								
18	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	1	1	2	****
19	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	10	0	0	0	1	0	0	0	4	1
20	9	9	1	3	2	0	4	13	0	0	0	0	0	0	2	14	14	12	15	7	5	15	2	0	5
21	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0
23	1	0	0	0	2	2	1	0	0	1	0	0	0	1	0	1	1	0	2	1	1	2	3	1	1
24	13	1	1	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	0	1	2	1
25	3	2	4	4	8	9	4	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
26	0	1	1	1	3	3	1	0	0	0	1	16	16	10	4	0	12	3	3	2	4	4	2	0	4
27	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0	2	1	0	18	27	20	13	4
28	7	8	14	13	3	0	0	1	0	0	7	4	9	4	3	0	0	0	3	9	3	7	5	0	4
29	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	2	2	2	1
30	1	0	0	2	1	0	0	1	1	1	0	4	4	1	2	1	1	0	0	0	2	0	4	3	1
31	0	0	0	0	0	1	1	2	0	1	1	2	3	0	1	0	0	1	1	1	1	0	2	1	1
MEAN	2	1	2	3	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	3	3	2	1

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - REEVES HOUSE PORT MAITLAND

NO 22012

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	2	3	4	21
JUL	18	2	3	11
AUG	31	0	1	9
SEP	17	0	4	33
OCT	24	0	1	12
NOV	28	1	6	31
DEC	30	1	5	29
YEAR	150	1	6	33

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - REEVES HOUSE PORT MAITLAND

NO 22012

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	33	2	0	1	0	0	36
JUL	402	6	1	0	0	0	409
AUG	726	2	0	0	0	0	728
SEP	353	0	0	3	1	0	357
OCT	517	4	1	0	0	0	522
NOV	605	17	6	6	1	0	635
DEC	632	37	12	8	2	0	691
YEAR	3268	68	20	18	4	0	3378

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
65	0	0.1	0.3	0.6	0.8	1.6	2.8	7.0	11.5	33	1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	0	****	0	0	****
8	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0
9	****	1	0	0	****	0	0	0	0	0	****	1	1	****	0	0	0	0	0	1	****	2	1	1	0
10	1	1	0	0	0	1	0	0	****	0	1	1	****	1	1	0	0	0	1	0	1	0	0	0	0
11	0	0	0	****	0	0	0	0	0	0	0	0	****	0	0	0	0	0	****	0	0	0	0	0	0
12	0	0	0	****	0	0	0	0	0	0	0	0	****	0	0	0	****	0	0	****	0	0	0	0	0
13	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
14	0	0	0	1	1	2	1	1	1	****	0	1	1	1	0	1	0	1	0	1	1	0	0	0	1
15	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1
16	0	0	0	0	0	0	0	****	1	0	0	3	4	1	6	1	0	1	0	2	1	1	1	3	1
17	3	1	1	1	1	0	1	1	0	1	1	2	2	2	2	1	2	2	1	0	****	****	****	****	1
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0

PERCENTAGE OF DATA VALID - 30

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	2	1	2	2	3	3	3	2	3	****
8	2	2	1	1	1	2	3	2	3	3	3	3	1	1	1	2	2	2	2	2	2	3	3	3	2
9	2	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
10	1	1	1	0	0	1	0	0	0	1	0	0	1	****	1	1	0	1	1	1	1	1	1	1	1
11	1	1	1	1	1	2	1	****	0	0	0	0	0	1	2	1	0	0	0	1	1	0	1	0	1
12	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1
13	1	0	1	0	4	3	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
14	1	1	0	0	1	2	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	1	1	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	****	****	0	0	0	****	0	0	0	1	0	1	1	0	1	0
17	1	1	1	1	1	0	1	1	1	1	1	1	1	1	****	0	0	1	1	1	0	0	0	0	1
18	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	0
19	1	0	1	1	1	1	1	2	1	1	1	1	0	0	1	1	0	0	0	1	2	4	4	3	1
20	2	1	1	1	1	1	2	3	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1
22	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	1	1
23	1	0	0	1	1	1	1	2	0	1	1	2	1	****	2	1	0	0	1	1	1	0	1	1	1
24	0	1	1	1	1	1	1	1	0	1	1	0	1	0	2	6	3	4	5	4	3	2	2	2	2
25	2	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	4	4	0	****	
26	1	1	1	0	1	0	1	0	1	1	1	1	1	1	2	2	5	4	3	5	1	0	1	1	1
27	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1
28	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
29	1	2	1	1	2	2	2	1	1	1	1	1	2	1	2	2	1	1	2	1	1	0	1	0	1
30	0	1	0	1	1	1	1	1	1	1	1	0	1	****	1	****	****	****	****	1	1	0	0	1	1
31	0	0	1	0	0	0	1	0	0	1	0	0	0	0	2	1	1	2	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	1	0	1	0	1	0	0	1	0	0	0	1	1	0	1	1	1	1	1	1
2	0	1	1	1	0	1	1	0	0	0	1	2	2	1	1	3	4	5	4	3	1	1	3	4	2
3	2	1	1	1	0	1	1	1	2	2	2	2	1	1	0	1	5	2	0	0	0	0	0	1	1
4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	0	0	0	0
5	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	1	1	1
6	1	0	0	1	1	0	1	0	1	0	1	1	2	1	1	0	0	1	0	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2
9	2	1	0	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
10	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	3	1	1	0	1	1	1	0	1	1	2	3	2	2	1
12	2	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	0	1	0	1	2	1	0	2	1	1	1	1	2	2	4	4	3	3	3	4	3	3	0	2
17	2	2	3	3	1	2	3	0	2	1	1	1	1	1	1	1	2	1	4	3	3	4	3	3	2
18	2	2	2	1	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	3	1	2	3	2	2	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
20	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	1	1	1	2	0
22	2	1	1	1	0	2	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0
24	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2	0
25	2	2	5	4	4	2	3	0	2	1	0	0	2	2	1	1	2	1	3	3	2	2	4	4	2
26	2	3	3	3	5	2	4	2	2	1	0	1	1	2	2	2	2	2	2	1	2	0	0	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH DEC 70

STATION - WATERLOO F O SUBSTATION																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0
14	0	0	0	2	2	1	2	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1
15	0	1	1	1	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16													- DATA MISSING -												
17													- DATA MISSING -												
18	0	2	2	3	3	2	4	2	1	1	2	1	1	1	1	0	1	0	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20																									
21	1	1	1	0	0	1	1	1	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1
22	0	1	1	1	1	0	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	1	1	0
23	0	1	1	1	1	1	1	3	3	4	3	2	2	2	3	3	1	2	2	2	2	3	3	2	2
24	4	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0
25	1	1	3	3	1	1	2	1	1	1	0	0	0	0	0	0	0	1	0	0	2	2	1	2	1
26	2	2	2	1	0	1	0	3	1	0	1	1	0	0	2	1	2	2	1	2	1	1	2	1	1
27	1	2	2	1	1	1	0	1	0	1	0	0	0	0	0	1	1	0	2	1	1	0	1	1	1
28	1	1	1	1	1	1	1	0	2	2	3	1	0	1	1	1	2	1	2	2	1	2	1	2	1
29	1	1	0	2	1	1	0	2	2	3	1	0	1	1	1	1	2	1	2	2	1	2	1	2	1
30	2	2	2	1	1	2	3	4	3	2	2	2	2	2	2	2	3	3	3	3	3	2	3	2	2
31	1	3	4	3	1	2	1	0	1	0	0	0	1	3	5	1	1	1	1	2	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 47

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - WATERLOO P U SUBSTATION

NO 26001

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - SULPHUR DIOXIDE

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	11	0	1	6
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	25	1	2	6
NOV	28	1	2	5
DEC	17	1	2	5
YEAR	81	1	2	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - WATERLOO P U SUBSTATION

NO 26001

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	DATA MISSING						
JUL	224	1	0	0	0	0	225
AUG	DATA MISSING						
SEP	DATA MISSING						
OCT	556	4	0	0	0	0	560
NOV	628	5	0	0	0	0	633
DEC	353	1	0	0	0	0	354
YEAR	1761	11	0	0	0	0	1772

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
60	0	0.1	0.4	0.6	0.9	1.7	2.3	3.1	3.8	6	1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - NORTH PARK HAMILTON

NO 29008

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	8	9	10	10	10	10	11	11	10	10	10	9	7	7	6	5	4	2	4	5	5	7	7	8	8
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	8	9	10	10	10	10	11	11	10	10	10	9	7	7	6	5	4	2	4	5	5	7	7	8	8

PERCENTAGE OF DATA VALID - 3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - NORTH PARK HAMILTON

NO 29008

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	35	36	37	36	34	33	32	30	29	29	26	25	23	23	22	20	18	17	14	14	13	12	10	10	24
5	8	7	7	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	1	1	1	1	1	1	1	1	1	1	0	1	1	3	3	3	3	1	2	2	2	3	4	4	2
7	1	1	1	1	1	1	1	1	1	1	0	1	1	3	3	3	3	1	2	2	2	3	4	4	2
8	1	1	1	1	1	1	1	1	1	1	0	1	1	3	3	3	3	1	2	2	2	3	4	4	2
9	1	1	1	1	1	1	1	1	1	1	0	1	1	3	3	3	3	1	2	2	2	3	4	4	2
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	9	9	9	8	8	8	7	7	6	6	5	4	4	3	3	2	2	1	9	9	9	9	9	9	5
15													- DATA MISSING -												
16	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	2	3	3	3	3	1
17	3	3	4	4	2	4	4	2	2	2	2	1	1	1	1	0	0	0	0	1	1	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	4	1
19	4	4	5	6	6	6	6	6	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30																									
31	4	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	7	7	7	7	8	8	6
MEAN	6	6	6	6	5	5	5	5	5	5	4	4	4	4	4	3	3	4	4	5	5	5	5	6	5

PERCENTAGE OF DATA VALID - 48

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - NORTH PARK HAMILTON								NO 29008			MONTH NOV 70																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1	9	8	9	9	9	9	9	9	9	9	9	9	9	10	9	9	9	9	9	9	8	8	8	8	9			
2	8	8	8	8	7	7	7	7	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	5	6			
3	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6			
4	5	5	5	5	5	5	5	5	5	6	6	6	6	12	8	8	7	6	5	5	5	5	5	4	6			
5	5	6	8	8	8	10	9	8	6	6	6	6	6	***	3	3	3	3	4	4	4	4	4	4	6			
6	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4				
7	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
9	7	7	7	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	6			
10														DATA MISSING	-													
11														DATA MISSING	-													
12														DATA MISSING	-													
13														DATA MISSING	-													
14														DATA MISSING	-													
15														DATA MISSING	-													
16														DATA MISSING	-													
17														DATA MISSING	-													
18														DATA MISSING	-													
19														DATA MISSING	-													
20														DATA MISSING	-													
21														DATA MISSING	-													
22														DATA MISSING	-													
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	6	7	5	4	4	3	3	***			
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	3			
25	4	3	5	4	4	4	***	***	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2			
26	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2			
27	2	2	1	2	2	2	2	2	3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1			
28														DATA MISSING	-													
29														DATA MISSING	-													
30	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	1	1	1	1	0	1	1	1	***			
MEAN	5	5	5	5	5	5	5	5	5	5	5	5	4	5	4	5	4	4	4	4	4	4	4	4	5			

PERCENTAGE OF DATA VALID - 44

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - NORTH PARK HAMILTON												NO 29008												MONTH DEC 70																							
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																						
1	0	0	0	0	1	1	1	1	1	1	1	1	1	****	1	1	1	2	2	2	2	3	4	3	1																						
2	3	5	3	5	5	4	4	4	5	5	4	3	2	1	1	2	4	5	6	4	6	6	7	4	2																						
3	7	7	3	4	2	3	3	3	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2																						
4	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1																						
5	1	1	1	2	2	3	3	1	2	2	1	1	1	1	2	2	3	2	2	1	1	1	1	1	1																						
6	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																						
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0																						
8	1	1	0	0	0	1	1	2	3	5	3	3	4	3	3	2	2	3	3	3	3	4	5	4	2																						
9	1	1	0	1	1	1	1	1	1	1	1	1	1	2	****	****	****	****	****	****	****	****	****	****	****																						
10													- DATA MISSING -																																		
11													- DATA MISSING -																																		
12													- DATA MISSING -																																		
13													- DATA MISSING -																																		
14	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	****																						
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0																						
16	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0																						
17	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0																						
18	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	3	4	5	2																						
19	4	3	3	2	5	6	6	2	2	1	3	3	4	2	2	2	2	2	1	1	1	1	1	0	2																						
20	1	1	0	1	0	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1																						
21	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0																						
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																						
23	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****																						
24	****	****	****	****	****	****	****	0	0	0	0	1	1	2	1	0	0	****	****	****	****	****	****	****	****	****																					
25													- DATA MISSING -																																		
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	2	0	0	1	0	0	1	2	****																					
27	2	1	1	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****																					
28													- DATA MISSING -																																		
29													- DATA MISSING -																																		
30	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	2	1	****	****	****	****	****	****	****	****																					
31	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	0	0	0	0	0	0	0	0	0	1	****																					
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																						

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - NORTH PARK HAMILTON
POLLUTANT - SULPHUR DIOXIDE

NO 29008

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	2	8	9	11
OCT	20	5	24	37
NOV	15	5	9	12
DEC	24	1	4	7
YEAR	61	3	24	37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - NORTH PARK HAMILTON

NO 29008

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR		DATA MISSING					
MAY		DATA MISSING					
JUN		DATA MISSING					
JUL		DATA MISSING					
AUG		DATA MISSING					
SEP	3	19	2	0	0	0	24
OCT	255	78	4	9	16	0	362
NOV	145	172	1	0	0	0	318
DEC	442	19	0	0	0	0	461
YEAR	845	288	7	9	16	0	1165

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
39	0	0.2	0.7	1.5	3.7	6.6	8.5	16.7	29.4	37	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	6	6	5	7	6	7	8	8	8	8	8	7	7	6	7	6	5	4	5	4	5	3	6
2	4	3	6	7	12	14	12	***	***	***	16	14	8	10	9	9	9	7	8	6	7	8	8	9	
3	8	12	16	13	11	9	9	8	7	6	9	6	6	9	7	6	8	7	9	10	10	12	11	9	
4	10	10	9	10	9	10	10	10	13	12	9	9	8	8	8	7	8	8	7	8	8	7	7	9	
5	6	6	6	6	6	7	8	8	10	10	10	10	8	8	9	9	9	9	10	11	10	10	11	9	
6	11	14	13	10	12	15	11	13	15	12	10	10	8	7	6	6	7	7	8	8	8	10	12	10	
7	14	15	16	15	18	15	22	22	***	19	12	10	9	8	8	8	10	9	10	8	8	8	8	10	
8	10	10	10	9	8	8	8	8	***	8	7	8	8	8	7	6	6	7	7	7	8	8	8	8	
9	8	7	6	6	6	6	6	6	6	9	***	***	***	8	8	8	8	9	10	10	10	9	6	8	
10	4	5	4	2	2	6	5	4	4	4	4	4	4	4	3	3	2	4	3	5	6	6	7	4	
11	7	7	7	6	6	6	6	8	8	8	8	7	6	6	6	6	8	7	5	5	7	6	7	8	
12	8	8	10	9	8	7	6	8	***	6	6	6	10	10	***	9	10	8	6	6	6	6	5	7	
13	4	4	4	4	4	5	5	7	***	7	4	3	3	4	3	3	3	2	3	4	4	4	4	4	
14	3	2	5	4	4	4	4	3	3	3	4	5	4	4	4	5	3	5	4	4	4	5	6	4	
15	4	5	6	6	7	7	9	6	***	10	8	8	9	10	6	6	4	5	6	6	6	6	8	9	
16	9	7	6	5	6	9	9	17	13	12	11	11	10	9	7	6	6	4	6	6	6	6	5	4	
17	4	5	4	5	5	5	5	6	6	6	5	4	4	4	4	4	***	5	4	4	4	5	4	5	
18	4	4	4	4	4	4	3	3	2	3	5	5	6	5	4	3	4	4	4	5	6	6	7	6	
19	7	9	10	10	9	8	8	7	6	6	6	8	9	5	2	2	2	4	4	4	4	4	6	6	
20	7	5	4	4	4	4	4	6	6	6	8	6	5	4	3	2	2	2	4	4	4	4	3	4	
21	3	2	2	1	2	2	3	4	4	3	3	2	3	4	4	3	3	2	4	6	6	8	6	4	
22	4	4	4	4	4	4	4	4	5	4	6	4	5	5	3	2	3	3	2	2	3	4	4	6	
23	6	7	8	7	8	10	10	9	9	7	6	5	5	5	6	6	5	6	6	5	6	8	9	7	
24	9	9	8	8	8	8	10	9	7	6	7	9	7	10	12	11	10	8	8	8	10	9	9	9	
25	13	11	6	4	3	4	4	3	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
27	4	6	6	5	6	5	4	5	7	6	6	5	4	4	4	4	3	3	3	3	3	4	5	4	
28	3	3	3	3	3	4	4	4	4	4	5	5	6	10	8	9	6	4	4	4	4	4	4	3	
29	2	2	2	2	2	2	2	3	3	3	4	4	2	3	2	2	2	2	2	2	2	2	3	3	
30	4	4	4	4	4	4	4	4	5	4	6	5	***	4	2	2	2	2	2	2	2	2	3	3	
31	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	2	2	2	3	
MEAN	6	7	7	6	6	7	7	7	7	7	7	7	6	6	5	5	5	5	5	6	6	6	6	6	

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2
2	3	3	4	4	4	4	2	2	***	3	6	5	3	3	4	3	3	3	2	2	2	2	3	2	3
3	3	2	2	2	2	3	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	2	3	2	2
4	2	1	2	3	4	6	7	6	5	5	4	4	3	3	3	4	3	3	3	3	3	4	5	5	4
5	5	4	3	4	4	4	4	4	4	2	4	4	3	3	3	3	3	2	2	2	2	2	4	3	3
6	3	3	3	2	3	2	2	2	3	3	4	5	4	5	5	4	4	4	4	4	3	3	4	4	4
7	3	3	4	4	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	6	5	9	10	8	5
8	9	9	10	11	11	10	9	7	10	9	10	8	10	15	15	14	13	11	11	11	10	10	10	9	11
9	10	9	11	12	11	13	13	11	***	***	***	10	8	10	10	10	10	9	8	6	6	7	6	10	6
10	6	7	8	8	6	6	6	6	4	5	7	7	9	6	6	4	4	4	5	4	5	5	6	5	5
11	4	4	4	4	5	4	4	4	4	4	5	5	6	6	4	4	4	4	4	4	4	4	4	4	4
12	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	1	***	***	***	***	***	***	***	3
13	***	***	***	***	***	***	***	***	***	4	4	4	4	4	2	2	2	2	2	4	6	6	8	8	***
14	7	7	7	6	7	7	7	6	6	4	4	4	4	2	1	1	2	2	1	1	1	2	2	1	4
15	1	0	0	1	2	0	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	4	4	3	2	2	2	1	1	1	1	1	2	2	2	6	6	2
17	8	8	10	10	10	10	9	8	8	8	9	8	6	6	6	5	4	4	4	5	4	2	1	***	7
18	***	***	***	***	***	***	***	***	4	4	2	0	0	0	2	2	2	3	4	7	6	2	2	2	3
19	2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	2	2	2	1	1	1	0	1
20	0	0	0	0	0	0	0	0	6	6	8	8	6	7	6	6	5	4	4	4	4	2	4	3	3
21	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	2	1
23	0	0	0	0	0	0	0	0	0	2	2	5	5	4	2	2	2	1	1	2	2	2	2	2	2
24	2	1	1	1	1	2	2	2	2	2	5	4	4	4	3	4	4	4	4	4	4	4	5	5	3
25	6	4	5	5	4	4	4	4	4	4	9	8	6	7	4	5	6	6	5	6	5	5	8	8	6
26	8	6	6	6	6	6	5	4	4	4	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	6	6	6	6	6	6	6	6	6	6	***	4	3	2	2	3	2	0	0	0	0	0	3	2	3
28	2	2	2	3	4	4	4	4	2	2	4	4	4	4	4	4	4	4	4	4	4	4	8	7	4
MEAN	4	3	4	4	4	4	4	3	4	3	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OANST

NO 29025

MONTH MAR 70

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	7	5	5	6	6	6	6	6	9	8	9	5	6	7	7	4	6	4	4	4	4	4	6
2	4	4	3	4	5	6	6	6	0	7	6	7	6	6	6	6	6	6	6	6	6	6	7	8	6
3	8	8	8	8	8	8	8	8	10	9	7	6	3	9	7	7	6	6	6	7	6	4	6	7	7
4	6	6	6	6	7	7	7	7	10	9	10	11	8	7	8	8	4	4	4	4	4	4	6	6	7
5	6	6	6	5	6	7	8	6	6	3	4	4	4	4	4	4	4	4	4	6	6	5	8	7	5
6	6	6	6	7	7	8	8	8	8	8	11	10	10	10	10	10	10	10	11	12	12	12	14	14	10
7	14	14	14	14	14	14	14	14	14	14	16	16	16	16	16	16	16	16	16	16	16	16	18	18	15
8	18	18	18	18	18	18	18	18	18	18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19
9	20	20	20	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
0	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
11	2	2	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	0	1	1	1	1	1	0	1
12	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	18	18	16	16	14	14	14	12	10	9
13	10	9	7	6	5	3	2	8	9	8	7	6	6	6	6	6	6	4	4	5	8	8	8	6	6
14	6	6	6	4	4	4	4	4	8	8	6	6	6	6	6	4	4	4	3	4	6	6	6	6	5
15	4	4	4	2	2	0	0	1	4	4	4	2	2	1	1	0	0	0	0	0	0	1	2	2	2
16	2	1	1	1	0	0	0	0	3	2	1	1	1	1	1	0	0	0	0	0	0	3	3	2	1
17	2	1	1	1	2	0	0	0	3	1	1	1	1	1	1	0	0	0	0	0	0	3	3	2	1
18	7	6	13	22	23	24	26	23	14	16	16	20	17	17	12	9	10	9	8	6	6	11	11	11	14
19	11	7	4	3	3	3	3	3	1	7	7	5	3	3	1	1	3	3	2	6	5	5	5	4	4
20	3	3	2	3	2	1	1	1	6	8	5	3	3	3	3	1	3	3	2	6	5	5	5	4	4
21	4	3	3	3	2	2	2	5	5	4	4	3	3	3	2	2	1	2	2	5	3	5	14	10	4
22	9	9	5	5	9	7	3	7	10	7	6	8	5	3	2	1	1	0	1	0	0	0	0	0	4
23	0	0	1	0	0	0	0	0	2	1	1	1	1	3	3	3	3	3	3	4	5	4	4	3	2
24	3	1	1	2	2	2	1	1	3	4	4	3	3	2	2	1	1	1	0	2	1	0	0	0	2
25	0	0	0	0	0	0	0	1	3	3	3	3	3	4	3	3	3	5	5	8	11	14	15	13	4
26	10	11	9	10	10	10	10	15	8	8	7	10	7	5	3	2	2	1	1	5	4	3	3	3	7
27	3	2	2	2	1	1	1	4	3	3	3	3	3	3	2	2	2	2	2	5	4	4	3	3	3
28	3	3	2	2	2	2	2	6	4	3	3	3	3	3	2	2	2	1	2	5	3	3	3	3	3
29	2	2	1	2	2	2	1	5	5	5	7	7	6	9	7	6	5	3	3	5	4	4	2	1	4
30	1	1	1	1	1	1	1	2	2	2	2	3	3	4	4	4	3	2	3	4	4	3	2	2	2
31	2	2	2	1	1	1	1	1	4	9	10	13	8	7	5	5	5	5	5	6	6	6	7	6	6
MEAN	6	5	5	5	6	5	5	7	7	7	6	7	6	6	6	5	5	5	5	6	6	6	7	6	6

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OANST

NO 29025

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	11	10	7	7	6	10	15	5	4	5	5	6	6	4	5	7	5	9	7	6	5	7	7	7
2	8	7	7	6	11	10	14	11	3	3	7	7	3	2	1	0	0	0	0	2	1	1	1	1	5
3	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	3	3	3	3	1
4	3	2	2	2	2	2	2	2	3	3	2	2	2	2	1	1	1	1	1	1	3	3	3	3	2
5	2	2	2	2	2	2	2	2	3	2	2	2	2	3	1	1	1	1	1	1	3	5	4	3	2
6	5	4	3	3	3	4	5	5	5	7	6	6	6	6	15	13	15	15	4	6	9	7	7	7	7
7	4	3	3	2	2	2	2	2	2	2	2	2	2	4	4	4	3	4	6	5	5	5	6	5	4
8	4	4	4	4	4	4	5	4	4	3	3	2	2	3	2	1	2	0	3	4	6	6	6	6	4
9	5	6	6	6	5	5	7	6	3	3	3	3	3	4	3	3	2	2	6	4	4	4	4	8	4
10	13	14	15	15	15	15	18	18	22	22	22	22	22	22	7	11	22	30	34	37	38	38	37	34	23
11	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
12	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
13	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
14	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
15	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
16	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
17	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
18	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
19	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
20	31	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
21	3	4	4	4	6	5	6	6	6	4	3	3	3	2	2	2	2	2	2	4	3	2	2	2	3
22	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
23	10	14	10	10	10	10	10	10	11	13	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
24	8	8	8	9	8	7	6	10	7	10	9	6	5	3	2	2	2	2	2	2	2	2	2	2	1
25	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
26	17	15	13	12	10	9	9	10	10	8	7	6	5	5	4	4	4	4	4	4	10	9	9	9	6
27	6	6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
28	6	6	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	6	6	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	7	7	7	7	6	6

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	0	0	0	0	0	7	5	4	4	3	2	2	1	1	0	0	0	3	2	1	1	0	2
2	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	1	1	1	2	1	1	1	0	1
5	0	0	0	0	1	2	2	0	2	2	1	1	8	18	19	20	19	18	18	20	19	18	17	16	9
6	15	14	12	10	10	10	10	11	10	10	10	9	9	10	9	8	8	8	7	9	8	8	6	6	9
7	6	4	4	4	4	4	6	7	2	2	2	1	1	2	1	1	1	1	1	2	1	2	2	4	11
8	6	7	8	8	8	9	8	10	13	14	12	11	16	16	13	11	10	15	9	12	13	10	10	8	3
9	7	7	6	6	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	2	2	2	3	2	3	10	13	13	11	18	24	19	13	20	18	5	10	16	10	14	13	10	6	11
22	5	4	4	4	4	4	4	3	2	2	2	1	1	1	2	2	2	2	4	6	8	9	5	3	3
23	4	4	5	3	5	6	7	8	9	9	6	6	6	4	4	8	6	11	16	4	4	4	4	6	6
24	4	4	4	4	3	4	8	8	6	7	4	5	4	5	3	6	9	8	8	10	8	8	7	6	6
25	7	5	4	4	2	4	5	0	8	8	13	15	13	10	12	10	3	2	1	0	0	0	0	0	6
26	0	0	0	4	13	15	16	13	11	10	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	5	10	14	11	10	11	10	12	8	7	6	6	7	6	5	7	9	8	6	8	6	5	6	7	7
30	1	1	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	2	7	3	3	2	1
31	1	0	0	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	1	2	1	0	0	1
MEAN	5	5	5	5	5	5	6	7	6	6	6	6	6	7	7	7	6	6	6	7	7	6	6	5	6

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	4	4	6	7	7	6	7	4	6	6	10	9	4	6	6	6	9	9	5	3	3	3	3	3	3
5	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	4	5	3	3	4	5	3
6	6	5	2	2	2	2	2	2	2	2	3	3	3	3	3	5	4	3	4	5	3	2	2	2	3
7	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
8	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2
10	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	4	4	3	3	3
12	3	3	2	4	3	2	2	0	5	3	3	3	4	6	6	6	9	8	8	4	4	3	3	4	4
13	3	5	5	8	8	9	9	10	8	6	5	3	4	3	3	4	4	4	4	4	5	6	5	5	5
14	5	3	4	3	7	4	8	6	4	4	4	4	5	5	6	6	6	6	6	7	5	6	8	7	5
15	5	3	5	4	3	3	2	4	2	5	4	5	8	7	8	10	14	5	3	3	4	2	1	1	5
16	2	8	3	1	5	2	4	7	11	10	13	12	16	12	14	10	11	10	9	4	3	2	1	8	8
17	1	1	2	2	2	0	3	3	3	2	2	3	2	2	2	2	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	2	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	0	1	1	2	3	2	0	1	0	1	0	0	0	0	0	0	1
22	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
24	0	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	1
25	1	0	0	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1
26	2	3	3	5	5	5	5	6	4	5	4	3	3	3	2	3	2	3	3	3	2	1	1	0	3
27	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
28	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	3	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	2	3	4	1	1	3	2	2	2	1	2	2	3	3	2	1
2	0	2	2	1	1	0	0	1	5	1	1	1	2	1	2	2	3	2	2	3	3	1	0	1	2
3	0	0	1	0	1	1	2	2	1	2	1	1	0	2	3	0	0	0	0	0	0	0	0	0	0
4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	2	1	1	1	1	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
8	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	2	1	0	0	0	1
9	0	0	0	0	0	1	0	2	0	0	0	2	4	2	3	0	0	0	0	0	0	0	0	0	1
10	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	2	4	3	2	2	1	1	1	2	1	1	2	2	1	1	1	1
14	0	0	1	0	1	1	0	0	0	1	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0
15	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	1
19	0	1	0	1	2	1	1	1	1	4	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
21	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0
22	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	3	2	4	5	4	2	2	1	1	2	1	2	2	1	1	1	2
24	1	1	0	1	0	0	1	2	4	3	3	2	1	2	3	1	2	3	2	0	1	1	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	0
26	1	0	1	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	1	1	1	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	0	0	1	0	1	5	9	7	4	3	6	5	5	7	8	8	5	3	3	3	5	3	4
9	3	5	4	3	4	3	2	4	4	4	3	2	1	2	2	2	1	1	3	5	3	3	1	1	2
10	1	2	1	0	0	1	1	2	3	3	5	5	3	2	2	2	2	4	5	5	3	1	1	1	2
11	1	1	2	2	2	4	5	4	2	1	4	6	3	2	2	2	4	1	1	0	1	1	0	0	2
12	1	0	0	1	1	1	0	0	1	1	1	1	3	5	7	4	1	1	0	1	1	1	0	0	1
13	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
14	1	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
16	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	2	2	2	1	1	1	1	0	0	0	0	0	1	1	0	0	2	2	1	0	0	1	1	0	1
20	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
21	0	0	0	0	1	1	1	1	1	2	0	0	0	0	0	0	0	0	1	2	1	2	1	0	1
22	0	0	1	0	0	1	4	2	3	2	2	3	5	3	3	3	2	2	1	1	0	1	0	1	2
23	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	3	1	1	1	1	0	0	2	2	3	4	4	4	4	4	3	4	3	3	3	3	3	2
26	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	4	5	7	5	5	3	3	3	2	2
27	3	3	3	3	3	3	3	1	1	1	1	3	3	3	3	1	3	1	0	1	1	1	1	1	1
28	2	2	2	2	2	2	1	1	3	4	3	5	4	4	3	3	3	3	3	3	3	3	3	3	2
29	1	1	0	1	0	0	1	3	3	4	3	5	4	4	3	3	3	3	3	3	3	3	3	3	2
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
2	0	0	0	0	0	1	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	1	5	3	1	1	1	3	5	2	2	3	2	3	4	3	2
8	3	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	2	1	1	0
14	1	2	2	3	5	5	6	3	3	3	4	4	3	2	3	5	2	3	3	3	4	3	4	3	3
15	5	4	5	7	6	9	9	7	4	8	6	5	3	3	3	2	3	2	2	1	0	0	0	1	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	3	4	2	3	3
17	0	0	0	0	2	2	3	7	6	4	3	2	3	4	2	0	0	0	0	0	0	0	0	0	2
18	2	2	4	2	3	2	5	5	3	2	2	3	4	2	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	10	3	4	5	1	0	0	1	1
21	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	3	3	4	2	1	1	8	4	4	4	4	4	3	3	2	2
24	3	2	3	2	2	2	1	2	3	9	12	14	12	10	4	1	1	0	0	0	0	0	0	0	3
25	0	0	0	0	0	0	1	1	1	1	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	3	1	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0
30	0	0	0	0	0	1	2	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
MEAN	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0
2	1	2	4	2	1	2	2	2	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1
3	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2	1	2	2	4	5	6	7	7	2	2	1	3	2	2	2	1	1	1	3	3	3	2	2	3
6	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	4	3	3	2	3
7	2	3	3	2	3	3	3	4	5	7	6	7	6	8	22	18	12	11	7	7	6	6	4	4	7
8	3	3	4	4	4	4	5	7	9	13	21	20	16	11	11	11	9	6	8	10	8	5	6	4	8
9	3	3	3	4	3	4	4	6	7	4	4	4	8	7	10	9	10	8	9	7	7	6	5	4	6
10	4	3	3	2	3	2	2	3	2	2	3	3	2	3	3	2	3	2	3	3	3	3	3	3	3
11	3	4	3	3	4	4	4	5	6	8	7	5	4	3	4	3	3	4	7	7	5	7	7	9	5
12	8	7	6	6	6	6	6	8	6	6	5	6	6	6	5	5	6	6	6	6	6	7	6	6	6
13	6	8	11	10	11	12	9	8	7	9	3	5	2	2	2	2	4	4	3	1	0	1	0	2	5
14	1	1	1	1	2	0	0	0	0	1	1	1	2	1	1	2	5	1	1	1	0	2	2	2	1
15	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	3	4	3	4	3	2
16	1	1	1	1	1	2	3	5	4	3	2	2	1	1	1	1	2	2	2	3	3	3	2	3	4
17	4	5	6	6	7	4	5	5	4	5	5	3	4	3	3	7	3	3	3	3	3	3	2	3	4
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2	3	2	3	3	3	3	3	5	5	4	.....
19	3	6	6	6	8	10	11	11	10	5	4	5	5	4	6	6	6	7	7	8	5	6	7	6	7
20	8	7	6	9	9	10	10	12	12	14	13	16	14	11	8	8	9	9	7	5	2	2	1	2	9
21	1	0	0	0	1	1	1	1	2	2	2	2	2	0	0	1	1	0	0	1	1	0	0	1	1
22	1	1	0	1	1	1	0	1	2	4	5	3	2	1	5	2	4	6	4	3	2	2	1	1	2
23	1	1	1	1	1	1	0	1	1	1	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	3	2	2	2	2	2	1	1	0	1
28	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0
30	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	1	2	2	1	1	1	1	1	2	1
2	1	1	1	2	2	1	2	2	5	6	5	4	3	5	7	4	3	3	2	1	2	3	3	3	3
3	3	3	3	3	3	3	5	8	9	8	7	9	9	10	5	3	1	2	0	0	1	1	2	1	3
4	7	5	4	4	3	2	2	5	4	5	8	7	4	8	1	1	0	0	0	1	1	1	0	0	1
5	1	2	1	0	0	0	0	1	1	0	2	2	2	0	0	0	0	1	0	1	1	1	1	0	0
6	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	1	1	1	2	2	1	3	1
7	0	0	0	0	1	1	3	4	3	1	1	1	1	1	1	1	2	1	1	2	0	3	3	3	3
8	4	3	3	5	5	2	2	1	8	9	3	2	1	1	1	1	1	1	1	0	1	1	0	3	2
9	2	3	6	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	1	1	2	3	4	4	3	2	4	9	9	7	5	5	4	3	2	3	2	3	3	5	4
12	7	5	2	2	1	1	0	1	1	1	1	1	1	3	2	2	4	1	1	0	0	0	1	0	2
13	0	1	1	1	1	1	1	1	2	2	2	2	3	1	2	2	2	1	1	3	3	2	2	1	1
14	1	0	0	0	1	1	1	2	1	1	2	2	4	3	3	2	2	1	2	3	2	2	1	1	0
15	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
16	0	1	1	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	3	3	6	7	7	3
17	1	1	1	3	2	2	4	4	4	4	3	2	1	2	2	2	2	2	3	3	2	1	1	1	2
18	4	6	5	4	2	1	2	2	3	2	1	1	1	2	2	2	2	2	1	1	3	3	2	4	2
19	2	2	2	2	2	2	3	3	3	1	0	3	2	0	0	0	0	0	0	0	0	0	0	0	1
20	4	4	3	2	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
22	3	3	2	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	1	2	0	0	1	1	1
24	1	1	1	2	2	1	3	3	3	2	1	0	1	0	1	0	1	2	1	0	0	2	2	2	2
25	3	4	4	3	4	4	4	1	1	1	4	2	2	1	1	2	2	2	2	2	2	2	2	2	2
26	2	3	2	2	1	1	3	1	1	2	3	2	1	2	2	3	2	3	2	3	2	1	2	5	4
27	3	2	9	3	3	3	3	3	3	2	2	2	1	2	2	1	3	3	4	4	4	2	2	1	3
28	7	5	5	7	6	5	3	3	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	1	2	2	1	2	1	1	2	1	2	2	2	5	5	5	7	6	2
30	1	1	2	1	1	2	1	3	3	2	1	1	1	1	1	1	1	2	2	5	5	5	7	6	2
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH DEC 70

	STATION																								MEAN	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
HOUR																										
DAY																										
1	4	3	3	4	4	4	7	9	10	12	8	7	11	14	14	7	3	3	2	2	2	2	1	1	6	
2	1	1	1	1	1	2	1	1	2	3	2	2	1	1	1	1	2	2	1	1	1	1	1	2	1	
3	1	1	1	2	3	2	3	5	6	5	4	8	12	11	7	7	6	11	7	6	6	6	7	9	6	
4	8	3	5	6	5	2	4	7	3	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	
5	3	1	2	2	0	2	2	2	2	1	2	1	1	0	0	0	0	0	2	2	3	2	3	3	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	2	3	5	6	2		
7	4	3	2	2	2	2	4	3	2	3	1	1	1	0	1	0	2	3	2	2	3	5	6	4		
8	5	3	3	3	8	10	8	5	3	3	3	3	4	3	4	2	3	3	3	3	4	4	3	4	4	
9	2	3	3	3	2	2	2	2	2	2	2	2	1	2	3	3	3	2	1	1	1	1	2	2	2	
10	1	2	1	3	3	3	1	2	2	2	5	3	2	2	6	8	8	8	8	7	8	8	8	6	5	
11	5	6	8	8	11	10	6	10	8	5	7	11	13	10	8	6	9	10	14	10	9	12	7	6	9	
12	10	13	13	12	12	9	7	8	10	9	8	6	6	10	14	10	11	10	4	4	4	4	5	8	8	
13	3	3	2	2	2	1	2	2	4	6	6	4	4	3	4	5	4	3	3	2	2	2	2	3	3	
14	4	3	2	3	1	4	4	2	3	2	1	1	2	2	2	2	2	1	2	3	3	4	4	4	3	
15	4	2	1	0	0	2	2	7	4	7	6	5	5	6	2	6	5	5	5	9	11	9	9	4	4	
16	7	7	8	7	10	8	4	6	6	6	4	5	4	2	2	3	4	3	3	4	3	2	3	4	4	
17	5	5	7	5	4	4	4	3	5	3	3	3	3	3	3	3	3	4	4	5	6	7	7	4	4	
18	4	4	3	3	4	4	3	5	3	3	3	3	3	3	3	3	2	2	2	2	2	1	1	3	2	
19	6	5	6	6	6	4	3	3	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	
20	1	0	1	2	2	2	2	2	2	2	2	3	1	1	1	1	2	2	2	2	2	2	2	2	2	
21	3	2	3	1	1	4	6	7	9	10	11	10	9	9	14	18	20	12	10	7	7	7	7	6	8	
22	7	7	3	3	3	3	2	2	9	9	10	7	5	5	5	5	6	6	5	6	3	3	3	4	5	
23	3	5	6	9	8	8	9	5	4	4	4	8	10	9	9	10	11	11	6	9	9	5	5	5	7	
24	2	2	2	1	2	3	2	3	3	3	7	5	4	5	2	3	2	2	2	3	2	2	2	4	3	
25	5	4	4	4	4	6	6	6	6	8	7	8	10	5	9	7	5	4	3	5	5	8	5	5	6	
26	6	5	7	9	10	9	9	9	8	9	6	5	2	2	2	2	1	2	3	4	3	4	2	4	5	
27	3	4	4	4	5	6	7	7	7	3	3	2	1	2	3	4	4	6	6	5	5	5	6	4	4	
28	5	4	4	4	5	7	7	6	6	4	5	3	2	3	3	3	3	4	5	5	6	5	6	5	4	
29	7	5	4	2	1	4	7	6	3	4	3	2	3	5	4	4	4	6	6	7	5	4	5	5	4	
30	5	5	5	5	10	10	12	13	14	12	10	6	6	7	7	7	7	10	9	9	8	11	17	9	9	
31	14	18	17	18	21	21	9	9	6	3	8	10	3	11	9	8	7	5	9	9	9	8	8	8	10	
MEAN	4	4	4	4	5	5	5	5	5	5	5	4	4	4	5	5	5	5	5	4	4	4	4	5	5	

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	12	22
FEB	28	4	11	15
MAR	31	6	19	26
APR	26	6	23	38
MAY	26	6	12	24
JUN	30	2	8	16
JUL	31	1	2	6
AUG	31	1	4	9
SEP	30	1	4	14
OCT	31	3	9	22
NOV	30	2	5	10
DEC	31	5	10	21
YEAR	356	3	23	38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	263	395	33	13	0	0	704
FEB	452	175	13	2	0	0	642
MAR	367	225	35	62	1	0	690
APR	311	181	32	29	8	0	561
MAY	253	183	67	32	0	0	535
JUN	597	83	7	1	0	0	688
JUL	740	4	0	0	0	0	744
AUG	684	39	0	0	0	0	723
SEP	691	26	3	0	0	0	720
OCT	576	132	18	6	0	0	732
NOV	659	61	0	0	0	0	720
DEC	432	271	33	8	0	0	744
YEAR	6025	1775	241	153	9	0	8203

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
93	0	0.2	0.7	1.6	3.6	7.9	10.0	14.0	17.3	38	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	14	14	13	14	18	19	17	15	13	12	11	12	9	9	9	9	11	13	13	14	10	11	13
2	12	12	13	12	14	17	19	22	22	28	20	13	12	14	11	11	15	16	22	20	21	19	17	19	17
3	19	17	16	17	14	14	13	15	14	13	11	10	11	8	9	12	16	15	19	21	24	26	20	14	15
4	17	19	12	12	12	11	14	14	16	16	17	15	13	12	11	11	14	16	19	12	12	11	11	10	14
5	10	13	15	15	20	22	17	26	20	17	15	12	13	12	10	10	10	11	11	12	12	12	12	9	14
6	8	9	9	8	8	8	9	9	10	10	9	10	9	9	8	17	27	16	12	12	13	14	13	13	11
7	16	17	17	18	17	16	18	17	18	17	15	14	14	12	10	9	7	9	9	9	10	9	6	7	13
8	11	13	12	13	12	13	13	14	16	13	14	13	12	10	11	10	13	13	19	13	11	11	12	12	13
9	10	10	13	14	15	18	20	13	13	16	16	12	12	11	11	10	10	13	13	12	11	10	10	13	7
10	9	7	5	5	5	5	8	7	8	8	8	8	8	7	8	7	6	5	6	7	8	8	8	8	7
11	9	9	8	9	10	8	10	9	9	9	10	11	11	12	13	12	10	10	11	15	16	19	20	19	12
12	16	13	10	8	8	12	14	11	12	15	12	12	10	12	16	18	17	30	19	15	15	13	11	14	14
13	9	9	9	9	9	10	10	10	12	12	11	12	12	10	10	9	9	10	10	10	8	9	8	10	10
14	9	13	15	13	15	13	13	12	13	13	13	11	11	13	11	10	8	8	10	10	10	10	9	12	11
15	12	12	12	14	15	16	15	17	19	16	20	18	14	15	13	11	6	7	8	12	8	8	7	8	13
16	12	15	20	20	18	17	19	20	23	27	18	21	21	25	24	23	19	18	17	16	16	15	11	11	19
17	12	13	13	13	12	10	11	12	11	11	11	11	11	10	9	8	8	8	9	10	10	10	9	8	10
18	8	7	6	7	7	6	7	8	8	7	9	9	7	5	4	4	6	7	6	8	10	9	11	12	7
19	16	17	13	14	17	17	14	14	13	15	16	18	18	17	18	18	14	11	12	13	12	12	10	15	15
20	10	11	11	10	11	12	14	14	18	12	12	8	15	16	9	8	7	5	5	5	5	5	5	5	10
21	5	4	5	4	4	5	6	6	8	7	6	****	2	5	7	9	10	8	9	10	13	13	11	13	7
22	16	13	15	15	15	15	20	24	38	34	22	16	20	31	26	35	26	28	22	28	28	24	34	33	24
23	28	32	24	17	18	16	15	15	15	15	15	17	16	11	11	10	7	7	9	9	9	10	9	9	14
24	10	10	11	12	12	14	17	23	25	32	22	29	33	30	27	28	23	23	31	23	20	20	20	17	21
25	18	21	21	20	19	22	20	20	19	19	15	15	14	13	13	12	10	10	10	11	11	10	10	10	15
26	12	12	12	11	11	11	15	15	16	18	19	18	18	18	15	12	4	4	5	5	4	4	4	4	11
27	7	9	10	10	8	7	8	9	8	13	14	12	15	16	14	13	13	16	19	19	19	17	16	13	13
28	13	14	12	13	12	12	15	15	16	17	16	20	21	17	15	16	30	31	25	25	23	18	20	15	18
29	15	14	15	13	13	13	15	15	16	15	15	15	15	15	14	13	12	12	12	12	11	10	10	10	13
30	9	8	7	7	7	7	9	9	11	12	2	4	4	4	4	4	6	6	6	8	6	5	5	8	7
31	12	14	12	10	8	6	12	10	10	10	8	8	10	12	12	6	8	6	8	10	10	8	4	4	9
MEAN	12	13	12	12	12	14	14	15	15	14	13	13	13	13	12	12	12	12	13	13	13	12	12	11	13

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	6	6	4	4	8	6	5	8	10	14	18	12	10	10	20	10	10	10	8	9	10	10	9
2	10	10	14	11	16	16	20	12	8	4	4	3	6	18	16	12	10	9	8	5	4	4	4	3	9
3	2	0	0	0	1	4	4	5	3	4	4	4	1	1	1	1	2	0	0	0	0	6	4	3	2
4	4	3	3	3	3	6	12	13	15	13	12	12	15	18	18	11	15	14	15	4	2	2	5	15	10
5	25	23	21	20	27	31	32	28	24	18	20	25	25	25	18	12	16	10	6	6	6	6	6	6	18
6	6	5	8	11	17	22	22	21	18	11	9	11	15	12	15	18	17	14	14	11	10	8	11	7	13
7	10	14	12	12	18	12	12	11	20	18	12	11	15	8	12	12	10	8	8	10	12	13	16	9	12
8	6	8	8	14	16	18	18	20	30	32	34	22	23	21	22	17	14	16	16	15	11	11	10	7	17
9	4	4	4	4	5	4	4	6	5	6	6	4	3	6	6	6	6	6	6	7	7	8	8	10	6
10	11	11	10	7	9	10	9	8	9	7	7	8	7	6	6	7	6	6	6	7	7	7	6	6	8
11	5	5	5	6	6	5	7	8	6	4	4	3	4	4	****	4	4	3	2	2	2	3	4	3	4
12	2	2	2	1	1	0	2	2	6	8	5	5	****	****	4	3	2	2	2	3	4	3	3	4	3
13	4	3	4	4	9	7	7	7	6	4	4	****	5	4	3	4	2	1	1	2	1	1	1	2	4
14	2	2	****	****	****	****	****	2	2	6	3	2	6	8	6	6	2	1	1	2	1	2	3	****	3
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	4	3	9	7	9	7	2	1	2	****
16	2	1	1	1	4	6	3	10	11	10	16	****	15	10	17	10	10	9	10	11	13	13	10	11	9
17	3	2	4	2	1	1	1	1	2	2	2	1	6	****	4	5	4	5	5	8	8	11	5	5	10
18	10	10	11	11	14	15	14	12	16	16	****	15	12	7	6	7	5	7	8	7	6	5	4	5	4
19	5	5	7	7	6	7	6	5	6	8	8	7	5	7	4	4	3	4	7	9	9	9	8	6	6
20	8	9	9	10	10	10	9	5	5	6	4	****	5	4	4	4	6	6	6	6	6	6	8	8	7
21	9	9	6	6	10	16	17	13	11	9	8	9	8	6	5	2	2	4	5	5	5	7	14	11	8
22	7	8	8	8	9	9	10	10	12	10	11	10	8	6	4	6	4	5	4	5	4	6	7	4	6
23	3	2	4	2	1	1	1	1	1	2	2	1	6	****	4	5	4	5	5	8	8	11	5	5	4
24	7	7	7	10	****	****	****	****	****	****	****	****	4	7	5	4	4	5	4	5	4	3	3	4	4
25	4	6	6	3	2	2	2	4	8	5	8	4	4	5	5	4	5	4	8	3	2	1	1	2	4
26	5	5	4	7	7	11	9	5	9	24	28	28	35	42	45	40	24	****	****	****	****	****	****	****	19
27	****	****	****	****	****	****	****	****	****	7	27	27	16	11	4	6	6	5	5	12	3	4	5	3	****
28	7	4	3	5	5	3	8	8	12	6	5	3	2	2	****	1	1	1	1	1	2	3	3	3	4
MEAN	6	6	7	7	9	9	11	9	10	10	10	10	11	10	9	8	8	6	7	6	6	6	6	6	8

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	9	12	13	14	12	14	15	9	10	5	5	5	4	3	4	4	5	5	5	5	5	7
2	11	9	9	8	7	7	9	8	7	8	7	6	3	7	4	4	3	4	4	3	3	3	2	2	6
3	2	3	5	4	4	4	3	3	3	3	4	3	3	3	3	4	3	3	3	3	3	3	2	2	3
4	2	2	2	3	3	4	4	4	5	5	5	5	4	4	4	3	2	2	5	5	4	3	4	3	4
5	2	2	2	3	6	5	4	5	5	4	5	6	2	2	2	1	2	2	1	1	1	2	4	3	3
6	3	3	3	3	3	3	3	4	2	5	5	6	12	15	9	14	20	17	17	19	20	12	8	5	9
7	4	4	2	1	1	3	5	5	12	20	16	8	9	17	17	13	13	17	17	8	0	0	0	0	8
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
9	1	1	1	2	2	2	3	3	2	2	3	2	1	***	1	1	1	2	2	2	3	2	1	2	1
10	1	1	1	1	1	1	1	1	2	4	3	3	2	2	1	1	0	0	0	0	0	0	0	0	1
11	1	1	1	2	3	3	4	2	3	4	2	2	1	2	2	1	2	3	3	3	3	6	4	3	3
12	5	5	5	5	5	3	2	2	2	3	2	8	8	10	17	16	7	9	9	9	7	6	5	4	6
13	6	6	5	6	7	7	6	7	6	5	4	3	3	3	2	3	3	3	3	3	1	1	0	0	4
14	0	0	1	3	4	4	5	3	1	1	1	0	0	0	0	0	1	0	1	1	0	2	2	3	1
15	3	1	2	2	4	6	6	6	4	2	2	1	0	0	0	0	0	1	2	3	2	2	2	1	2
16	1	1	2	1	1	2	2	2	2	1	2	0	1	1	1	1	1	1	0	0	1	2	4	1	1
17	4	3	5	8	5	4	5	13	10	9	4	10	21	28	28	10	1	0	0	1	1	3	7	10	8
18	12	15	16	16	14	7	10	12	9	3	3	3	3	2	2	4	3	3	3	2	3	4	4	4	6
19	5	6	6	6	6	5	5	5	7	3	6	9	10	12	24	13	7	6	7	10	14	14	10	9	9
20	6	3	3	6	5	6	6	6	6	5	3	3	4	11	44	15	10	8	12	5	2	2	3	3	7
21	2	3	4	1	1	1	3	3	3	3	2	2	1	1	2	2	2	3	4	5	8	9	6	3	3
22	6	7	7	6	7	7	7	9	5	3	2	3	1	1	2	2	2	2	2	2	1	1	1	1	4
23	2	1	1	2	2	3	4	6	4	2	2	1	2	2	2	2	1	1	1	4	5	4	3	2	2
24	2	3	3	3	5	4	5	4	4	1	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3
25	3	3	3	5	4	4	3	4	4	1	0	2	18	9	13	14	12	6	4	4	3	4	5	5	5
26	4	2	2	2	2	8	13	10	13	4	2	4	4	4	10	21	14	20	20	14	10	6	2	2	8
27	2	2	1	1	2	1	2	2	1	1	1	1	1	0	1	0	1	0	1	1	11	4	4	6	2
28	5	6	12	10	8	8	9	8	18	24	20	14	2	1	2	0	0	0	1	1	2	1	1	2	6
29	1	1	2	3	4	4	4	3	3	2	3	2	2	0	1	1	2	2	2	2	3	4	5	14	3
30	9	11	10	11	10	6	4	3	2	1	1	3	3	3	1	4	1	1	2	3	2	3	3	3	4
31	10	12	13	10	9	10	10	14	8	9	13	10	14	17	26	26	19	14	15	5	2	3	2	3	11
MEAN	4	4	4	5	5	5	5	5	5	5	4	4	5	5	7	6	5	4	5	4	4	3	3	4	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	7	9	9	10	9	8	4	25	33	13	****	****	2	1	2	4	2	2	2	2	1	7
2	1	1	1	1	1	1	1	1	2	2	3	2	2	****	3	9	7	2	2	2	1	2	2	2	2
3	2	3	3	3	3	4	4	4	3	2	1	3	3	2	2	2	2	2	2	4	3	3	4	3	
4	5	5	5	5	4	4	5	3	3	2	2	1	2	2	2	2	2	2	2	3	3	3	4	3	
5	4	4	5	5	4	3	2	3	2	2	0	0	20	10	10	8	6	5	6	6	5	5	5	6	
6	5	5	5	5	6	6	7	7	11	16	14	11	12	15	6	3	4	4	6	6	4	3	3	7	
7	2	3	2	3	2	2	2	3	3	4	4	5	4	3	3	3	3	3	4	4	6	10	8	4	
8	7	7	8	11	18	13	8	12	20	22	23	16	14	13	16	13	6	5	6	11	8	5	5	11	
9	7	5	3	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	
10	2	5	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	
11	2	3	4	4	4	3	3	3	3	2	2	2	2	2	3	3	3	3	4	4	5	5	6	6	
12	7	9	8	7	5	5	7	7	5	5	5	4	4	8	3	6	6	5	9	8	8	8	8	6	
13	8	10	12	8	8	9	8	6	5	5	5	4	2	2	2	2	2	2	2	2	3	2	2	5	
14	2	2	2	3	2	3	3	4	4	5	4	5	5	5	5	5	5	5	5	6	7	7	6	4	
15	5	7	7	6	7	6	7	6	5	5	12	5	5	18	7	5	9	8	7	10	5	5	5	6	
16	6	10	13	12	14	14	15	12	9	8	6	5	5	5	5	8	5	5	9	7	9	11	11	15	
17	13	12	11	30	30	30	12	27	18	20	20	14	20	10	5	4	3	3	4	3	3	2	3	13	
18	2	2	2	2	3	3	4	4	3	3	3	3	2	2	2	1	1	1	1	2	3	3	3	5	
19	5	5	3	2	2	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	
20	2	2	2	1	1	1	1	1	3	6	15	14	14	16	12	10	5	4	7	10	8	8	9	6	
21	11	9	5	2	2	2	2	2	3	10	4	3	2	3	4	4	4	3	3	3	2	2	2	4	
22	2	2	2	3	3	2	4	4	4	4	2	2	1	1	1	1	2	2	5	5	9	14	16	4	
23	8	5	4	3	3	4	4	4	20	24	14	16	14	5	10	4	4	2	3	2	3	4	2	7	
24	2	2	2	3	4	16	12	***	***	2	2	2	2	2	2	2	2	2	3	14	16	14	18	10	
25	4	3	3	3	3	4	6	7	8	12	22	24	28	30	25	24	17	15	7	4	3	3	1	5	
26	5	3	3	3	4	4	6	7	8	12	22	24	28	30	25	24	17	15	7	4	3	3	1	5	
27	6	8	14	13	13	10	10	11	12	12	15	15	12	12	10	11	8	8	8	10	10	13	13	14	
28	14	12	11	11	11	13	9	9	11	25	9	5	5	5	6	7	6	8	9	9	8	6	8	9	
29	4	3	5	5	5	5	8	1	5	5	3	4	5	5	5	5	5	5	5	5	5	4	4	5	
30	4	3	3	3	3	4	5	4	6	13	13	12	12	13	20	19	28	22	15	11	11	12	12	11	
MEAN	5	5	5	6	6	6	6	6	7	8	8	8	7	7	6	6	6	5	5	5	6	6	6	6	

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 70

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
11	12	7	6	6	12	20	20	25	25	22	15	25	35	35	20	20	11	12	5	3	3	2	2	15		
2	2	1	1	1	1	1	1	2	1	15	5	5	2	2	3	22	2	1	1	1	1	1	1	3		
3	1	1	1	1	1	1	1	2	1	15	5	5	2	2	3	7	9	19	22	26	24	8	10	12	7	
4	14	8	8	8	16	30	14	30	32	28	22	26	42	40	44	48	24	14	10	4	4	3	3	2	20	7
5	2	2	2	2	2	2	2	2	2	1	3	2	2	2	3	2	3	2	2	2	2	3	3	3	7	
6	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	4	4	4	3	
7	3	3	3	3	4	5	5	5	3	32	12	14	18	20	40	6	6	24	24	14	14	6	14	10	12	
8	12	10	14	14	12	14	22	18	20	12	10	10	14	16	22	14	11	13	10	13	12	11	11	12	14	
9	15	12	12	10	6	6	5	3	3	2	2	2	1	1	0	1	1	2	1	2	1	1	1	1	4	
10	0	0	1	1	2	4	9	9	16	13	10	15	15	16	19	17	16	13	17	17	5	7	5	4	10	
11	2	4	3	3	8	6	6	6	8	3	3	3	6	14	7	4	2	2	2	2	1	7	3	2	4	
12	3	2	2	0	0	1	0	1	0	0	1	7	6	4	4	3	4	4	5	6	7	5	5	4	3	
13	8	6	8	9	15	15	20	19	13	3	4	13	18	16	10	7	3	3	2	2	2	1	3	2	8	
14	2	2	2	7	4	2	3	2	4	4	3	3	20	40	15	22	5	4	5	6	5	4	3	4	7	
15	3	4	5	2	3	4	2	3	2	2	4	4	3	3	3	2	2	2	2	5	3	2	3	3	4	
16	5	4	4	4	4	4	3	1	5	9	10	9	9	12	6	6	11	21	19	31	15	10	19	19	18	
17	17	18	15	14	14	18	10	10	9	5	5	5	7	13	10	3	3	3	4	3	5	7	8	14	9	
18	17	18	18	18	18	19	18	17	30	28	28	35	16	30	40	35	35	40	35	32	20	12	13	11	24	
19	11	12	17	13	23	26	24	29	24	19	24	40	35	15	11	11	6	6	6	6	5	4	4	4	16	
20	5	5	5	6	5	6	6	8	7	7	6	7	13	16	13	7	10	9	12	8	11	12	14	14	9	
21	10	7	11	9	9	8	12	12	10	9	9	19	28	18	12	18	20	24	22	22	28	18	18	19	16	
22	20	14	17	12	16	12	16	14	13	10	9	9	9	8	7	7	6	6	7	8	6	8	8	8	11	
23	8	7	6	7	7	7	6	6	5	5	9	9	10	11	11	10	8	8	9	8	8	8	7	8		
24	10	10	9	9	10	10	8	5	5	4	4	****	4	3	5	5	5	5	5	4	5	5	5	6	6	
25	7	9	8	10	12	12	14	19	19	28	23	28	24	26	26	22	28	14	8	14	19	15	13	13	17	
26	11	11	9	9	9	17	19	24	32	47	42	27	13	10	8	1	0	0	0	0	0	0	0	0	12	
27	0	1	0	0	1	2	4	3	6	7	5	5	5	5	5	5	4	3	3	3	3	4	5	7	4	
28	6	6	4	4	4	6	8	9	6	5	4	4	5	6	6	5	3	3	2	2	3	2	1	1	4	
29	1	1	1	1	0	1	6	5	5	5	6	5	8	2	4	3	3	3	3	3	3	3	3	4	3	
30	4	6	12	7	4	8	8	8	8	7	8	6	6	6	6	6	6	6	8	8	9	8	7	5	7	
31	5	5	3	4	6	6	7	7	4	8	30	18	14	20	19	13	19	11	8	8	9	9	12	13	11	
MEAN	7	7	7	6	7	9	9	10	11	12	11	12	12	13	13	11	9	9	9	8	7	6	7	7	9	

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	11	19	19	9	14	15	39	24	12	13	14	13	23	23	17	16	17	12	8	18	13	14	12	16
2	10	16	10	10	9	11	11	12	26	22	20	21	22	23	19	15	11	13	16	7	6	3	3	2	13
3	2	2	2	1	1	2	1	1	8	3	7	7	6	3	4	4	5	4	3	2	3	3	4	4	3
4	7	7	6	6	4	4	8	14	5	4	3	6	7	2	4	5	4	3	5	5	4	3	7	5	5
5	7	5	6	6	4	5	8	6	10	15	16	13	12	7	8	2	3	3	4	3	2	1	1	1	6
6	1	1	0	2	0	2	1	1	2	1	0	3	1	1	2	1	1	1	4	2	1	0	1	0	1
7	0	1	2	0	0	0	2	2	8	9	6	14	8	10	20	14	11	18	13	12	11	19	9	2	8
8	6	5	8	8	6	5	8	13	10	9	10	10	8	10	6	9	16	5	3	4	1	5	2	7	8
9	8	10	6	7	4	6	5	7	3	3	2	7	12	7	6	16	20	23	12	8	7	6	4	8	9
10	3	4	6	5	5	16	13	15	14	13	14	10	11	9	10	10	14	8	5	4	5	6	4	3	9
11	4	4	4	4	5	6	5	6	12	0	14	14	16	2	1	5	1	6	4	3	2	1	1	1	5
12	1	0	0	0	0	1	0	3	1	1	0	0	5	1	8	0	3	0	0	0	1	0	0	0	1
13	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
14	0	0	0	0	0	2	0	0	0	0	1	7	2	1	2	0	1	2	2	1	2	2	2	2	1
15	6	5	2	3	3	6	10	10	11	9	7	9	4	4	5	6	5	6	7	7	8	10	6	4	6
16	4	6	2	4	4	3	6	5	3	3	3	5	6	5	5	4	7	4	4	2	3	3	3	2	4
17	1	4	4	4	4	9	11	12	16	14	18	14	10	13	12	11	18	9	5	8	7	8	6	7	9
18	8	10	13	13	7	6	9	4	9	4	5	9	14	10	3	1	1	2	0	0	0	2	0	0	5
19	0	0	0	1	0	0	0	0	0	1	2	1	1	2	1	1	0	1	0	0	0	0	1	7	1
20	1	1	2	1	1	0	0	0	0	0	0	1	0	2	1	2	0	0	0	0	0	0	0	0	1
21	0	0	1	1	0	1	2	1	2	0	2	1	0	1	1	3	1	1	2	3	7	3	4	4	2
22	8	5	2	4	7	3	2	2	1	5	11	14	25	24	17	11	16	20	15	10	5	4	3	4	9
23	3	3	2	3	3	3	4	7	12	23	25	15	8	10	5	7	6	7	18	18	15	8	8	13	9
24	12	8	9	7	8	15	17	33	23	24	22	18	20	25	23	13	8	8	7	4	3	2	4	13	14
25	6	7	4	2	2	4	5	3	6	10	15	15	13	9	5	6	7	5	5	5	8	6	7	4	6
26	7	5	6	5	3	4	4	3	3	4	4	3	3	4	3	4	5	6	4	5	3	4	5	4	4
27	3	3	3	4	4	5	3	4	3	3	3	3	4	3	3	2	9	5	3	4	4	5	6	3	4
28	3	4	3	4	6	9	7	6	7	5	14	14	4	2	8	16	13	17	10	8	7	13	5	7	8
29	9	5	5	6	4	8	9	15	24	22	26	18	20	11	11	10	6	12	4	3	7	10	7	5	11
30	3	3	2	2	1	3	3	2	4	2	7	3	3	1	1	2	2	1	2	1	2	1	1	2	2
MEAN	4	4	4	4	4	5	6	8	8	7	9	9	9	8	7	7	7	7	6	5	5	5	4	4	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	4	3	2	3	4	5	7	4	2	4	8	5	3	6	4	2	3	1	1	2	2	3
2	0	2	3	2	3	3	3	6	4	10	9	8	5	6	4	3	6	7	5	3	7	6	5	5	5
3	6	4	2	3	6	3	3	13	14	14	15	17	16	14	36	21	6	10	12	12	9	8	6	12	11
4	8	5	6	5	5	7	6	5	5	4	2	7	3	3	2	2	2	2	2	3	4	3	3	3	4
5	2	3	3	2	2	1	3	2	3	3	4	3	3	2	2	2	2	2	2	4	3	1	1	3	2
6	2	1	2	1	1	3	2	3	6	16	16	18	17	11	12	14	3	6	13	9	3	3	2	4	7
7	4	6	5	6	4	5	6	7	18	14	15	15	17	15	25	25	17	16	11	18	9	7	6	15	12
8	13	14	18	26	27	21	26	20	16	27	28	18	22	14	20	25	13	11	9	12	13	10	8	6	17
9	6	7	9	12	9	8	9	13	10	10	7	6	31	7	5	7	4	3	6	5	4	4	4	4	8
10	4	5	3	4	4	4	7	4	9	4	4	5	4	18	18	11	9	8	14	10	11	10	8	6	8
11	6	6	7	5	3	4	2	2	2	2	13	4	3	2	4	2	3	5	2	2	1	1	0	11	4
12	3	3	2	3	4	1	2	0	2	0	0	0	3	1	1	1	2	0	1	1	1	1	1	1	1
13	2	1	3	5	2	2	6	14	11	9	9	5	12	4	2	4	3	2	2	2	1	1	1	1	4
14	2	2	1	2	4	3	4	7	5	3	3	6	9	5	4	6	4	6	4	4	9	6	5	10	5
15	7	10	8	10	7	11	15	11	9	21	23	25	24	26	16	27	25	15	11	8	6	6	4	6	14
16	4	4	3	4	5	5	4	2	2	4	3	1	3	3	3	4	3	3	4	4	4	4	6	6	4
17	8	8	6	12	7	6	7	12	20	15	10	26	15	20	12	12	15	29	14	6	4	4	3	3	11
18	10	7	6	7	5	5	3	1	2	3	4	3	3	2	4	3	2	2	4	8	3	2	2	2	4
19	2	1	2	4	5	5	3	1	2	1	1	3	2	2	1	2	2	2	3	2	1	3	2	4	2
20	4	3	3	6	17	16	12	2	6	5	6	7	1	3	3	3	4	4	2	4	4	2	2	2	5
21	11	3	3	5	5	2	2	4	1	0	0	0	0	1	1	1	1	1	0	1	1	4	3	3	2
22	2	2	2	2	4	3	6	4	2	2	18	20	9	19	20	21	19	9	14	10	9	5	3	4	9
23	4	3	2	2	2	5	5	2	1	61	55	27	4	2	2	1	0	1	3	2	1	1	0	0	8
24	0	0	3	3	4	5	9	13	14	12	15	15	26	25	4	11	5	38	51	21	13	9	7	3	13
25	3	2	1	1	1	2	2	2	1	5	16	16	18	12	25	15	31	18	21	7	8	5	4	9	9
26	1	2	2	1	1	1	2	7	7	19	8	7	2	6	6	6	7	11	17	11	9	4	3	6	6
27	2	5	1	3	2	5	6	5	14	12	27	33	26	33	33	33	32	26	7	4	5	5	6	2	14
28	3	7	8	4	13	8	6	5	6	19	17	20	36	29	16	16	13	10	12	11	9	8	8	12	12
29	8	12	8	9	8	7	8	8	7	22	30	10	6	3	14	11	16	15	10	10	8	8	7	7	11
30	7	9	7	11	9	9	9	11	9	8	6	5	5	10	6	8	8	10	17	8	7	7	7	12	9
31	7	8	5	6	5	6	8	12	9	3	6	7	9	10	5	2	1	0	0	4	2	2	1	0	5
MEAN	5	5	4	5	6	5	6	7	7	11	12	11	11	10	10	10	9	9	9	7	6	5	4	5	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	0	0	0	0	0	0	1	5	7	2	3	0	0	0	0	0	1	0	1	0	1
2	0	0	1	0	0	0	0	0	0	1	1	3	4	4	4	4	4	4	4	4	5	5	4	5	2
3	10	10	8	7	6	5	5	5	4	4	4	3	3	6	6	5	5	5	5	5	4	4	3	3	5
4	3	3	4	6	6	5	4	4	3	3	3	3	3	3	3	2	5	5	5	5	5	4	4	4	4
5	3	3	4	3	2	6	6	5	3	2	4	7	7	5	10	9	9	4	6	6	5	4	4	5	5
6	5	3	3	3	3	4	3	9	5	6	7	6	5	6	5	4	4	4	3	8	6	4	4	5	5
7	4	4	4	4	3	4	3	3	2	2	3	1	3	6	3	4	3	2	4	2	1	6	14	6	4
8	4	3	2	2	3	3	1	4	3	5	2	5	3	6	3	3	5	0	1	0	0	0	0	0	2
9	1	1	1	1	1	2	0	0	1	1	1	1	2	6	3	2	3	3	3	3	2	2	2	2	2
10	2	1	5	3	3	2	2	3	3	5	6	5	4	6	4	3	6	6	5	5	6	5	6	7	4
11	4	4	3	4	5	6	6	5	5	6	7	28	11	4	8	10	7	10	8	5	4	3	2	3	7
12	2	2	3	2	2	1	2	5	4	2	8	7	7	4	2	6	11	9	6	7	7	5	3	5	5
13	3	4	2	3	3	3	4	5	3	3	12	12	16	7	9	11	10	11	7	12	10	6	4	9	7
14	4	4	5	3	3	10	13	13	13	13	14	16	20	27	9	23	20	24	14	6	6	5	3	2	11
15	3	7	6	4	3	5	11	6	8	20	12	11	8	5	9	13	11	15	23	20	24	19	16	13	11
16	9	11	6	5	11	9	10	17	10	4	13	4	1	13	1	1	1	3	1	0	1	1	2	2	6
17	0	0	0	0	0	0	2	2	0	1	2	2	2	2	2	2	1	1	0	3	3	2	1	1	1
18	0	2	3	1	1	3	3	3	1	5	3	1	2	1	5	12	16	17	8	5	1	2	2	2	4
19	4	2	1	1	3	2	2	7	7	2	3	9	6	6	11	11	6	4	3	5	4	7	4	4	5
20	6	7	13	12	9	7	11	9	7	19	21	21	7	4	3	3	1	1	0	1	0	0	0	1	7
21	1	0	8	2	2	0	0	0	1	1	1	3	1	0	1	1	5	1	1	0	0	3	0	1	1
22	1	1	1	0	0	2	2	1	1	2	2	12	9	1	0	0	0	1	5	1	0	0	0	1	2
23	0	0	1	1	1	0	1	3	2	0	2	0	0	0	1	2	6	4	2	0	0	0	0	0	1
24	1	0	0	1	2	2	2	0	0	0	2	3	3	23	17	8	9	5	4	2	0	0	0	3	4
25	1	1	0	0	1	2	2	0	0	0	14	20	27	42	30	26	26	21	35	22	9	5	9	3	13
26	5	9	8	7	5	12	10	9	7	13	19	9	14	10	10	4	3	3	4	2	2	1	2	1	7
27	1	1	1	2	3	3	3	1	1	0	2	1	3	1	40	43	20	6	8	4	7	3	4	4	7
28	4	5	2	3	18	11	11	6	4	6	4	4	4	4	2	0	0	0	0	0	0	0	0	0	4
29	0	0	0	0	0	0	0	1	0	2	0	1	1	1	10	15	14	4	1	2	2	2	3	2	3
30	0	0	0	0	0	5	2	1	0	1	1	4	2	4	4	6	8	1	1	1	0	0	0	1	2
31	3	1	1	1	1	2	2	1	2	2	0	0	1	0	3	0	0	0	0	2	0	0	1	0	1
MEAN	3	3	3	3	3	4	4	4	4	5	6	7	6	6	7	7	7	6	5	4	4	3	3	3	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	2	2	1	0	1	0	0	1	0	0	0	1	0	4	2	2	0	1	2	1	0	1
2	0	0	0	0	1	2	2	9	8	23	12	18	23	5	5	4	15	16	42	22	10	3	1	2	9
3	2	1	3	2	4	4	4	13	13	19	31	24	6	7	10	15	8	6	8	9	11	12	13	10	6
4	13	16	11	6	7	8	6	6	3	1	8	8	1	0	0	0	.....	.....	.....	.....	.....	.....	.....	.....	6
5	.....	.....	.....	.....	.....	.....	.....	.....	2	2	4	3	3	2	2	3	4	4	5	5	5	4	3	3	3
6	3	3	3	2	2	5	6	6	5	4	5	11	22	23	28	22	15	7	11	9	8	8	6	9	9
7	5	5	4	5	5	4	4	6	6	6	5	4	5	5	4	6	5	4	4	4	3	11	6	5	5
8	4	5	4	5	4	6	8	17	13	13	28	21	10	7	5	6	5	6	6	7	7	6	6	8	9
9	10	10	8	6	6	5	5	5	5	4	4	5	12	18	10	12	19	11	10	8	8	13	14	14	9
10	13	15	10	15	14	12	12	10	32	24	24	15	14	5	6	11	6	6	4	6	6	6	7	6	12
11	5	4	5	4	8	6	7	9	6	5	5	4	4	4	5	5	4	5	5	6	6	10	10	6	6
12	6	5	4	5	4	6	11	10	14	7	7	8	8	8	7	6	8	7	5	10	11	11	15	8	8
13	9	9	9	8	10	8	5	4	4	6	9	4	4	5	4	3	3	3	3	3	4	3	5	5	5
14	5	5	4	4	5	4	4	4	5	3	3	5	4	4	4	4	4	4	4	4	3	5	5	5	4
15	5	5	3	4	6	5	5	5	6	7	4	3	3	7	6	5	3	4	3	4	6	8	5	7	5
16	6	6	7	12	8	5	5	5	3	4	3	3	3	3	2	7	5	5	3	3	3	3	3	4	5
17	3	5	5	5	4	7	12	10	8	10	10	5	6	5	4	4	4	3	6	6	5	4	4	5	6
18	4	4	4	4	3	3	4	7	6	5	3	4	4	5	4	4	4	4	4	3	2	4	3	4	4
19	3	3	2	3	3	4	2	3	3	3	9	33	27	29	30	6	8	6	7	6	11	11	6	6	9
20	5	5	5	5	4	5	5	5	9	8	15	14	9	9	9	10	9	7	6	5	6	5	6	5	7
21	7	10	10	8	9	7	10	17	20	16	28	35	35	26	19	27	16	12	9	9	8	8	9	9	15
22	12	12	8	7	8	9	13	9	11	14	12	15	10	7	7	7	6	6	6	5	4	4	4	8	8
23	5	4	4	5	5	4	5	7	6	6	5	5	5	4	4	5	5	4	5	7	6	6	5	5	5
24	4	5	4	3	4	4	3	3	3	5	4	7	6	5	7	26	17	10	13	17	11	12	11	8	8
25	7	6	6	5	4	4	7	12	7	7	5	6	7	7	4	5	4	4	4	7	9	9	6	5	6
26	6	6	7	5	7	6	6	8	8	7	6	11	30	33	30	16	11	6	4	4	4	4	3	0	10
27	3	3	3	4	3	3	3	3	3	1	1	1	1	0	0	0	2	3	0	1	1	2	1	1	2
28	2	1	1	2	6	9	7	6	2	3	1	0	1	2	1	2	2	1	6	3	3	3	2	2	3
29	1	2	2	1	2	2	3	5	5	4	2	18	18	7	8	6	9	19	9	13	6	10	9	13	7
30	13	14	12	16	9	12	8	8	7	2	6	5	3	3	1	2	1	1	1	2	2	2	2	4	6
MEAN	6	6	5	5	5	6	6	7	7	7	9	10	9	8	8	8	7	6	7	6	6	6	6	6	7

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	4	3	5	4	5	5	2	3	6	6	22	22	18	19	3	3	4	2	2	3	2	6
2	3	3	9	4	4	6	3	5	6	7	6	16	35	35	51	27	11	14	16	7	1	2	2	1	11
3	2	4	5	15	16	10	10	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	3
4	0	0	0	0	0	0	1	0	0	1	3	3	2	2	2	2	4	3	3	2	6	6	7	5	2
5	5	6	6	8	9	10	19	24	28	29	16	7	7	7	21	16	15	8	7	6	4	4	8	10	12
6	11	9	10	9	12	17	25	20	22	22	9	12	21	35	30	15	10	8	15	12	10	17	6	15	15
7	7	11	12	12	16	14	19	22	19	9	8	10	14	16	20	13	14	12	9	8	8	9	10	13	9
8	8	8	8	12	8	8	8	10	12	12	16	18	13	14	9	6	7	6	7	4	4	4	3	4	4
9	6	5	4	4	4	4	7	7	8	9	1	2	1	2	2	3	3	5	3	3	2	2	3	3	4
10	5	5	6	2	2	3	3	4	5	6	6	4	2	1	1	2	1	1	2	2	2	1	3	2	3
11	0	2	6	2	2	3	3	4	3	5	5	6	5	6	4	4	3	3	4	3	1	2	2	4	3
12	4	4	5	4	5	4	7	7	8	6	7	10	10	7	3	4	2	1	2	2	1	0	1	1	4
13	3	4	9	4	3	4	3	2	0	3	3	3	0	0	0	0	1	1	0	0	0	1	0	0	2
14	0	0	1	0	0	1	2	2	4	13	26	18	10	10	13	13	4	1	1	2	2	1	0	1	5
15	0	17	20	19	17	16	16	16	22	19	17	15	14	13	12	11	10	10	8	10	8	14	14	12	14
16	10	10	8	9	8	8	8	9	7	9	12	7	13	3	3	1	1	0	0	0	0	0	0	0	5
17	3	3	3	1	1	2	1	0	1	0	1	0	4	8	6	5	3	0	0	1	1	6	6	5	2
18	0	1	5	3	2	1	0	1	0	1	2	2	2	2	3	11	8	7	8	6	5	6	6	5	4
19	5	4	7	6	12	14	14	14	10	7	5	4	3	4	4	3	3	3	6	5	6	5	6	5	4
20	4	4	4	4	4	6	8	11	7	12	7	9	17	7	2	2	2	2	1	3	5	6	5	6	6
21	4	3	3	3	6	7	8	14	20	16	9	6	5	4	2	2	2	3	9	6	3	1	5	3	6
22	4	6	4	3	2	2	1	2	0	0	2	4	3	5	3	2	3	1	1	3	1	1	1	1	2
23	2	4	4	3	3	2	4	2	3	4	0	3	5	22	20	18	13	10	8	5	2	2	2	2	6
24	4	3	3	5	2	2	2	2	3	1	3	4	4	5	4	2	2	5	2	3	3	3	3	3	3
25	3	2	1	2	2	3	3	3	2	3	2	2	3	1	2	2	2	2	6	6	4	1	2	2	3
26	3	3	3	5	4	4	6	7	9	5	4	3	4	3	2	2	2	2	2	2	1	4	3	2	4
27	2	2	2	1	1	2	2	2	2	2	3	1	3	1	1	0	2	1	1	1	2	1	3	2	4
28	1	2	3	8	3	2	2	3	2	1	5	14	3	3	3	2	2	2	2	3	3	25	4	2	9
29	3	3	5	4	3	3	4	4	3	5	24	24	25	12	4	6	4	3	14	33	14	11	10	2	9
30	11	15	14	5	6	6	12	14	13	14	9	3	2	2	3	4	3	11	8	11	12	4	2	3	8
31	3	1	2	4	6	6	4	4	4	4	4	3	2	1	2	5	7	5	4	6	9	7	4	6	4
MEAN	4	5	6	5	5	6	7	7	7	7	7	7	8	8	8	7	5	4	5	5	4	5	4	4	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - 67 COLLEGE ST TORONTO OAMST								NO 31001								MONTH NOV 70									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	7	4	6	2	4	4	2	4	4	2	6	7	6	9	11	8	4	5	11	7	4	6	6	6	
2	6	5	5	5	10	10	11	11	9	5	4	6	6	2	6	6	7	6	7	6	5	4	4	3	6	
3	5	4	13	7	7	6	5	5	3	6	4	4	5	5	10	7	7	6	4	4	4	5	3	3	6	
4	6	5	9	7	6	7	11	6	6	6	5	5	5	2	7	4	2	3	2	2	1	1	0	4	5	
5	3	2	5	5	6	3	3	0	1	0	0	0	0	1	1	2	1	0	2	3	3	5	4	3	2	
6	4	5	7	6	6	5	5	12	22	20	20	11	13	14	13	11	12	6	6	12	11	20	7	11	11	
7	7	4	4	5	5	5	4	3	2	1	3	1	1	1	1	2	0	2	3	1	1	2	3	5	3	
8	9	9	8	8	8	8	7	7	9	4	2	3	7	2	2	2	2	3	3	3	4	4	3	6	5	
9	8	5	7	5	5	6	8	8	11	8	17	10	6	4	3	5	14	4	6	7	7	5	5	7	7	
10	9	5	7	6	8	16	8	9	13	9	12	6	9	11	16	20	38	21	19	27	19	14	11	7	13	
11	7	8	10	9	9	7	10	18	12	10	7	6	4	3	4	3	2	3	4	5	6	5	5	5	7	
12	5	6	5	5	7	5	4	6	6	4	5	4	4	3	3	3	2	2	1	3	3	3	4	4	4	
13	4	4	2	3	3	3	3	4	5	4	3	5	5	5	5	5	4	4	5	5	5	3	3	3	4	
14	2	6	2	2	3	3	2	1	3	4	4	4	4	3	4	5	3	4	5	3	3	2	3	4	3	
15	2	3	2	4	3	3	4	4	3	4	3	1	3	3	2	1	1	3	2	1	2	2	4	5	3	
16	5	5	2	4	4	8	8	7	5	3	2	3	3	12	6	8	9	6	6	6	6	5	4	3	5	
17	5	5	6	5	4	4	4	4	5	5	4	4	4	3	3	3	3	3	5	6	7	7	7	8	5	
18	8	6	7	6	6	7	8	6	4	11	14	2	11	7	9	9	14	5	5	9	6	7	9	6	8	
19	12	15	18	23	29	20	22	28	28	35	34	28	30	30	23	30	16	17	13	9	9	8	5	7	20	
20	9	12	8	5	3	3	3	14	17	18	9	8	8	5	4	9	13	9	11	7	13	6	3	3	8	
21	2	1	2	2	2	2	2	2	3	2	2	1	1	1	2	1	2	3	4	4	3	5	10	9	3	
22	7	6	5	6	6	8	6	21	6	5	8	7	16	22	20	18	11	11	3	3	3	3	2	3	9	
23	2	4	3	2	2	3	3	4	4	1	2	2	3	3	3	3	4	4	5	5	2	3	4	3	3	
24	5	5	8	8	7	8	7	5	5	5	3	3	6	5	5	2	3	3	4	5	4	5	4	5	5	
25	4	10	6	6	7	7	7	5	8	15	20	21	21	24	23	29	30	29	9	12	13	9	12	16	14	
26	23	20	20	19	14	16	15	21	12	15	11	25	18	24	24	17	35	16	24	20	17	26	22	20	20	
27	20	22	17	15	15	23	22	24	26	19	13	8	10	7	5	5	6	9	9	9	9	7	8	6	13	
28	5	5	3	2	1	1	1	0	5	4	2	2	2	1	1	1	0	0	0	0	0	0	0	0	2	
29	1	1	0	0	0	0	1	0	1	0	2	4	3	3	5	7	11	9	7	8	8	5	4	5	4	
30	5	3	2	2	2	2	6	4	6	3	8	5	5	6	5	4	3	2	3	6	7	7	5	5	4	
MEAN	6	7	7	6	6	7	7	8	8	8	8	7	7	7	7	8	9	7	6	7	6	6	5	6	7	

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - 67 COLLEGE ST TORONTO OAMST								NO 31001								MONTH DEC 70									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	6	5	4	6	11	5	8	5	4	3	3	3	4	5	4	6	15	15	29	44	46	44	23	13	
2	10	6	2	3	2	2	3	2	3	5	8	4	5	4	4	5	5	5	23	9	3	4	4	6	5	
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	9	7	7	7	7	5	4	5	4	4	4	.....
4	4	6	6	5	4	6	6	6	6	6	7	5	4	6	5	3	2	4	3	5	7	6	7	6	5	
5	6	13	16	14	13	13	16	20	19	11	11	8	27	30	25	28	27	17	10	4	3	2	4	2	14	
6	2	3	4	2	2	2	4	2	3	2	1	3	3	4	3	4	2	2	3	2	3	3	4	5	3	
7	4	5	4	5	4	6	7	5	5	6	4	5	4	3	3	4	4	7	6	8	10	7	12	15	6	
8	14	17	11	9	10	9	11	16	24	31	24	19	15	19	21	15	9	9	9	6	8	5	5	8	14	
9	12	11	10	14	13	8	10	11	11	9	13	19	11	6	6	4	4	5	3	2	2	2	3	2	8	
10	5	4	5	5	8	8	4	6	6	6	6	5	7	11	8	7	9	9	7	7	5	6	5	5	6	
11	8	4	5	6	7	6	8	5	6	4	4	7	8	8	7	8	6	6	6	6	7	5	5	3	6	
12	6	5	6	4	5	6	6	5	6	9	6	5	7	7	6	7	6	6	5	4	7	6	6	6	6	
13	6	5	6	5	6	6	5	6	6	6	7	4	6	7	8	4	4	4	4	2	3	2	2	2	5	
14	2	2	1	3	7	5	8	9	12	8	4	4	2	8	4	3	6	2	4	5	3	2	2	2	5	
15	4	3	3	3	1	2	4	4	8	3	5	7	6	5	5	4	1	7	7	8	7	6	5	5	3	
16	7	9	6	4	4	3	3	3	3	5	2	5	9	6	6	6	5	4	4	3	3	2	3	5	3	
17	5	3	3	3	3	3	4	5	6	7	6	7	8	5	5	5	2	6	2	2	2	0	0	0	4	
18	0	0	1	0	0	0	0	8	8	12	9	2	9	10	13	5	6	8	13	12	12	14	17	16	7	
19	33	41	35	35	33	32	30	30	26	22	14	14	0	0	0	5	1	0	0	0	0	0	0	0	15	
20	0	0	0	1	0	0	0	0	0	1	9	12	14	6	4	2	2	1	0	0	1	2	2	1	2	
21	0	1	0	3	5	3	4	2	3	3	5	4	4	4	4	3	5	6	6	6	6	6	6	6	4	
22	6	6	5	5	3	5	6	5	4	5	6	7	7	11	5	5	6	8	5	6	7	6	5	6	6	
23	10	9	8	8	8	8	7	8	7	6	2	11	9	10	8	9	6	5	5	4	4	8	9	9	7	
24	10	12	7	6	7	7	8	6	6	3	5	10	6	4	5	4	5	6	9	8	9	11	7	6	7	
25	5	6	7	9	8	12	7	7	9	7	8	9	6	7	11	13	12	9	15	15	17	17	15	14	10	
26	15	13	15	11	11	6	7	7	13	16	15	16	8	3	4	4	4	4	4	4	6	6	5	8	9	
27	8	13	14	11	12	12	11	8	9	9	11	11	8	6	4	5	6	5	5	5	5	4	5	10	8	
28	17	12	10	10	11	9	7	7	8	4	4	5	5	4	4	3	3	6	8	6	4	3	5	6	7	
29	11	13	8	7	10	11	8	13	19	16	10	6	6	5	3	4	3	3	4	4	3	5	5	6	8	
30	7	8	5	6	7	5	7	5	7	5	3	4	3	3	3	4	2	1	2	0	2	2	3	3	4	
31	5	5	7	6	9	10	8	7	7	8	4	4	4	7	7	5	8	8	7	8	7	6	6	8	7	
MEAN	8	8	7	7	7	7	7	8	9	8	7	8	7	7	7	6	6	6	6	6	7	7	7	6	7	

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001
POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	13	24	38
FEB	27	8	19	45
MAR	31	5	11	44
APR	30	6	13	33
MAY	31	9	24	48
JUN	30	6	16	39
JUL	31	7	17	61
AUG	31	5	13	43
SEP	30	7	15	42
OCT	31	6	15	51
NOV	30	7	20	38
DEC	31	7	15	46
YEAR	364	7	24	61

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	21	247	234	213	28	0	743
FEB	194	262	62	64	12	3	597
MAR	500	165	42	31	4	1	743
APR	375	221	69	42	8	0	715
MAY	265	242	90	103	32	11	743
JUN	373	216	63	64	4	0	720
JUL	350	231	62	72	26	3	744
AUG	488	178	40	28	7	3	744
SEP	275	319	54	38	17	1	704
OCT	435	191	54	54	9	1	744
NOV	306	289	46	62	17	0	720
DEC	250	368	59	37	14	4	732
YEAR	3832	2929	875	808	178	27	8649

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98	0	0.8	2.6	4.6	7.9	15.0	19.6	26.2	30.3	61	7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	7	9	9	10	10	11	9	8	6	6	6	6	4	5	5	6	8	8	9	11	8	8	8
2	8	10	8	9	9	11	13	16	20	***	17	11	11	10	12	10	6	14	13	22	20	19	18	14	13
3	13	9	11	9	8	8	7	7	6	6	7	7	6	5	6	9	13	15	16	21	19	27	22	11	11
4	14	16	10	11	9	10	9	11	11	14	16	13	11	9	8	9	9	10	10	8	8	7	8	7	10
5	7	8	8	8	10	11	10	10	11	***	8	11	9	8	8	7	8	9	9	9	9	11	9	9	9
6	9	11	13	10	9	10	11	10	9	8	7	9	7	6	6	7	26	18	12	11	12	11	16	14	11
7	12	12	13	14	12	12	12	12	12	14	13	12	15	13	10	10	8	10	9	11	13	11	10	10	12
8	11	15	16	14	13	***	***	12	13	11	11	9	9	9	9	10	10	9	10	11	11	12	13	12	11
9	12	13	14	14	13	12	12	13	12	14	***	7	9	9	8	8	9	10	11	9	9	11	10	9	11
10	8	4	4	3	3	7	9	7	6	6	6	5	4	3	4	3	3	3	4	5	5	7	10	10	5
11	11	10	8	9	9	9	8	8	7	6	8	9	9	9	10	9	11	12	11	14	17	20	23	20	11
12	16	16	10	10	13	6	7	9	8	9	8	8	4	8	10	16	20	13	14	13	13	16	12	9	11
13	8	9	9	8	7	8	8	9	7	6	6	5	6	6	7	7	7	5	8	10	11	11	6	7	8
14	8	11	13	13	13	8	9	7	8	10	7	6	6	7	7	7	5	8	9	10	9	10	6	7	8
15	21	11	11	12	13	15	11	11	15	17	14	14	14	22	14	12	10	10	15	12	28	27	14	18	9
16	18	15	15	17	17	16	18	19	27	***	24	18	23	23	21	22	15	14	12	11	11	8	6	9	16
17	8	10	9	10	10	8	5	9	6	6	7	5	6	5	5	5	5	5	5	5	5	6	6	7	7
18	6	6	6	5	5	5	5	6	6	6	6	8	5	5	4	3	4	5	5	6	9	10	16	9	6
19	11	16	14	13	15	16	13	11	11	10	9	12	11	9	15	12	10	8	8	9	9	9	10	10	11
20	9	10	9	7	11	13	15	14	16	16	8	8	13	13	6	8	9	10	7	7	7	7	10	7	10
21	5	5	5	4	4	4	5	5	6	6	6	6	5	4	4	7	8	7	8	8	10	12	13	18	7
22	22	13	15	13	12	18	23	31	45	30	18	9	8	14	***	22	18	12	10	16	12	12	10	11	17
23	21	14	9	11	11	11	11	11	12	11	12	13	9	6	6	6	4	4	3	3	4	6	6	6	9
24	7	11	12	14	16	19	17	29	27	20	15	18	28	11	10	10	10	11	12	10	12	10	12	14	15
25	22	22	21	21	22	22	17	20	22	28	25	20	16	17	14	13	12	16	15	9	8	8	6	7	17
26	9	8	8	8	8	8	8	8	10	10	7	***	6	6	6	5	6	7	7	7	8	8	8	7	7
27	9	12	11	13	11	11	10	11	12	13	15	10	9	9	10	10	10	11	11	12	12	11	8	6	11
28	7	8	8	8	7	10	8	10	11	10	10	21	32	16	11	32	48	46	40	33	20	10	10	10	19
29	11	6	8	7	6	7	7	8	8	9	8	6	6	6	6	5	5	5	5	4	3	3	5	5	6
30	4	2	3	3	3	4	4	4	5	***	4	5	4	4	3	4	5	7	7	7	5	5	5	11	5
31	16	19	14	11	8	7	11	11	12	12	7	8	10	10	12	7	8	8	6	7	8	10	5	5	10
MEAN	11	11	11	10	10	11	10	12	13	12	11	10	10	9	9	10	11	11	10	10	11	11	11	10	11

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	7	8	10	8	6	6	8	9	8	8	7	7	11	22	6	5	5	4	7	8	6	8
2	6	7	13	8	16	16	***	9	10	***	8	25	19	32	27	16	11	8	7	4	3	5	9	10	12
3	8	5	3	4	3	6	5	4	4	4	3	3	3	2	2	2	2	2	2	3	4	4	4	4	
4	5	4	4	7	8	12	18	23	18	14	11	6	10	9	9	7	8	9	7	7	7	8	9	10	
5	10	10	11	10	12	8	7	8	7	8	6	6	6	6	8	8	10	9	8	9	11	13	12	9	
6	9	8	12	18	30	34	42	40	32	15	12	13	10	7	10	11	10	7	9	12	9	7	20	7	
7	10	16	14	11	15	11	13	11	16	19	13	10	7	10	14	10	12	16	15	16	14	15	20	16	
8	15	18	17	***	36	38	40	46	52	67	49	40	37	***	***	***	***	***	***	***	***	11	11	10	***
9	8	6	5	7	9	8	6	8	7	***	6	7	6	8	8	8	6	7	9	9	10	11	10	17	
10	23	23	25	14	13	13	7	9	8	***	6	5	7	10	10	8	6	5	5	5	5	5	4	9	
11	3	4	4	4	5	4	4	3	3	3	3	3	3	5	4	4	6	6	4	5	5	7	7	6	
12	6	5	5	6	4	4	3	4	6	6	5	5	5	5	5	4	4	5	5	4	4	6	6	5	
13	3	3	4	5	8	6	8	9	9	***	5	7	6	6	6	6	5	4	5	5	5	7	6	6	
14	7	7	8	7	5	8	10	12	10	15	9	9	15	19	13	10	14	10	23	17	25	35	30	15	
15	18	16	25	27	28	13	7	11	9	6	8	8	5	4	4	4	4	6	5	5	6	5	5	4	
16	6	8	5	5	6	10	7	7	6	***	4	6	7	9	6	11	20	17	11	12	15	32	24	11	
17	12	14	12	13	14	10	14	17	13	13	14	12	14	11	12	15	14	16	18	15	15	17	10	***	
18	11	7	6	7	6	6	7	7	6	5	4	3	3	3	3	2	2	2	3	4	4	4	3	3	
19	3	3	2	3	4	5	4	5	6	5	5	5	5	5	7	6	7	7	7	5	5	4	3	4	
20	6	6	4	4	5	7	5	5	5	5	5	6	5	5	5	5	8	8	9	9	4	6	6	6	
21	7	6	6	6	8	8	8	9	8	7	8	7	7	7	5	6	7	5	4	4	6	8	13	12	
22	7	6	8	8	8	11	9	11	8	8	8	6	7	6	5	4	4	4	3	3	3	3	3	3	
23	4	4	4	6	6	4	5	8	6	6	6	6	7	3	3	3	3	3	3	13	5	11	4	5	
24	6	8	8	11	9	10	10	10	9	8	8	7	7	6	7	8	7	6	6	5	5	5	6	6	
25	5	3	3	4	3	3	3	3	5	3	6	2	2	3	4	3	3	4	6	5	4	5	5	4	
26	6	7	5	9	8	10	10	7	7	6	5	6	6	7	8	8	10	8	6	9	9	11	11	10	
27	10	11	10	10	11	10	9	10	8	9	8	10	8	6	5	6	6	6	5	5	5	5	5	5	
28	6	5	5	6	9	8	10	10	11	10	8	7	5	5	5	5	5	5	6	8	10	10	10	10	
MEAN	8	8	8	8	11	10	10	11	11	11	9	9	8	8	7	7	8	7	7	7	7	9	10	8	9

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	14	15	16	16	16	17	19	13	14	9	8	8	9	7	8	6	7	10	8	8	11	12
2	9	9	8	7	7	7	8	7	7	***	5	6	8	8	11	8	7	10	8	8	6	6	5	4	7
3	5	5	11	8	7	6	5	5	5	6	7	7	7	6	6	5	5	5	6	6	5	5	5	5	6
4	5	5	5	5	5	10	10	8	7	5	5	5	5	5	6	5	6	7	5	5	5	5	5	5	6
5	5	5	5	5	5	5	5	5	5	***	5	5	5	5	5	5	4	4	3	2	3	4	5	4	5
6	5	5	5	5	5	5	5	5	5	5	4	2	3	4	5	4	2	4	5	4	1	1	1	1	3
7	3	4	1	2	2	2	4	3	2	2	1	2	2	1	1	1	1	2	2	2	3	4	5	6	2
8	5	4	5	6	5	6	8	7	6	7	3	2	2	1	1	1	1	2	4	7	5	5	6	4	4
9	5	5	4	4	5	5	5	5	5	5	5	4	3	2	2	2	2	2	3	3	2	2	3	3	4
10	5	5	4	4	5	5	5	5	5	5	5	4	3	2	2	2	2	2	3	3	2	2	3	3	4
11	5	5	4	5	4	4	3	4	3	2	2	2	2	2	2	2	3	3	3	4	4	5	6	3	7
12	6	7	5	7	9	7	5	5	4	5	5	8	12	13	17	10	9	10	7	7	5	5	5	5	7
13	5	4	4	4	5	5	5	5	5	3	2	2	1	1	1	1	1	3	4	4	3	2	2	2	3
14	3	3	3	3	4	5	5	5	5	4	3	2	2	2	2	2	2	2	3	3	4	4	4	4	4
15	5	4	5	5	5	5	5	5	5	4	4	3	2	2	2	2	2	2	3	3	3	4	4	4	4
16	4	4	5	5	5	5	5	5	5	4	2	3	2	2	2	2	3	2	3	3	3	4	4	4	4
17	5	5	5	4	7	8	11	10	8	5	6	7	6	7	5	5	3	4	3	6	11	9	11	11	7
18	17	20	24	24	23	17	10	11	11	9	10	8	5	5	5	5	5	5	5	5	5	5	5	5	10
19	7	7	8	9	10	10	11	12	9	6	10	17	22	17	24	25	9	17	16	13	17	9	10	13	7
20	10	9	7	9	7	8	8	7	9	5	6	5	7	17	4	5	6	4	3	3	5	5	4	4	7
21	4	3	2	4	3	3	3	3	4	4	4	4	4	3	3	4	4	4	4	5	5	7	7	6	4
22	5	5	5	5	7	7	10	10	7	5	5	5	5	4	4	5	4	4	4	4	4	4	5	5	5
23	4	5	5	5	5	5	5	5	6	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
24	2	2	3	3	3	3	3	4	4	2	2	2	2	2	1	2	2	2	2	2	2	3	4	4	4
25	3	2	4	3	3	3	5	5	5	3	2	2	5	6	5	5	9	15	2	2	3	3	4	4	4
26	4	4	4	2	2	2	3	3	3	0	0	0	1	1	3	11	0	1	0	0	6	1	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	3	4	4	5	1
28	5	5	5	4	4	6	5	5	5	4	3	2	2	2	3	7	5	3	2	3	4	4	5	5	3
29	3	2	2	2	3	3	3	3	2	1	2	3	3	4	3	7	5	8	7	7	7	6	5	5	7
30	5	7	5	6	6	5	5	13	10	9	8	12	10	7	10	3	8	8	7	7	7	4	3	4	7
31	6	6	6	6	6	7	9	10	12	***	10	7	8	8	11	11	12	10	8	3	4	3	3	4	7
MEAN	5	5	6	6	6	6	6	6	6	5	5	5	5	5	5	5	4	5	4	4	5	4	5	5	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH APR 70

STATION - UNIVERSITY OF TORONTO		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY	1	4	5	5	4	4	4	6	6	8	20	38	23	7	19	8	5	4	4	4	4	3	3	3	2	8
2	1	2	1	2	3	3	3	2	2	2	2	3	3	2	***	***	***	8	4	3	2	2	1	1	2	2
3	3	4	4	4	4	4	4	4	4	4	***	2	***	2	2	3	2	2	2	2	2	3	4	3	4	3
4	5	5	6	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	2	3	4	4	3	3
5	5	5	5	6	5	5	5	3	3	3	2	2	2	5	8	8	7	5	7	10	10	7	11	12	18	6
6	20	10	13	14	11	11	11	18	28	32	21	27	30	28	11	7	7	7	7	8	7	6	7	6	14	6
7	4	3	3	5	5	5	4	4	5	5	5	5	5	4	4	3	4	5	5	6	7	8	8	6	5	7
8	8	8	9	11	8	7	8	8	8	7	9	8	8	6	6	6	6	5	4	10	12	6	3	5	7	7
9	6	5	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	***	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
11	4	4	5	4	4	4	4	4	4	4	3	2	2	2	1	2	2	2	3	3	4	5	5	5	5	3
12	8	11	10	9	5	5	7	7	7	7	7	7	7	12	5	3	4	5	7	6	9	6	5	5	5	7
13	5	5	6	6	9	10	5	10	8	6	5	8	6	4	4	4	4	4	5	5	4	4	5	5	5	6
14	4	4	5	5	5	5	5	5	5	5	5	6	6	6	5	4	4	5	5	5	5	5	6	6	5	8
15	6	7	9	7	7	7	8	6	6	7	14	7	6	14	12	11	11	11	11	11	11	6	6	7	5	8
16	5	14	16	15	13	13	16	16	14	21	15	23	22	14	22	12	12	12	12	17	17	12	14	15	18	15
17	10	11	22	18	25	23	18	18	12	15	20	12	11	10	6	7	5	5	5	5	6	5	5	5	6	12
18	6	6	7	6	6	6	7	7	7	6	5	5	5	5	5	5	5	5	5	6	5	6	8	6	7	6
19	8	6	6	6	6	6	6	6	6	6	7	9	10	11	10	9	8	9	7	6	9	9	9	12	8	8
20	6	7	8	6	6	7	6	9	13	12	23	18	12	11	15	15	12	11	9	14	18	18	14	15	12	8
21	21	19	14	10	10	9	9	10	16	22	12	11	9	8	8	8	8	9	8	8	7	7	7	7	6	11
22	7	7	8	9	9	9	9	9	9	8	6	6	6	8	8	6	6	6	6	13	15	18	20	23	25	10
23	20	16	4	5	6	6	8	7	29	23	23	20	13	8	11	8	8	8	6	7	6	6	8	8	9	11
24	8	8	9	8	12	13	22	27	26	11	10	9	9	9	8	8	6	9	10	8	12	8	8	7	8	11
25	8	8	8	8	8	8	8	9	11	17	12	8	8	8	6	6	6	6	7	6	6	8	14	14	15	9
26	11	7	10	10	11	12	25	13	13	13	13	13	9	11	10	9	11	13	11	11	9	10	13	15	11	12
27	7	12	11	14	12	16	16	10	***	10	11	11	14	12	14	15	17	16	13	14	9	10	12	15	17	13
28	15	12	12	6	5	10	10	11	23	30	15	9	10	10	18	8	8	11	10	7	7	7	7	7	7	11
29	5	6	6	6	6	6	8	9	5	8	9	9	16	15	14	13	10	8	7	6	7	6	4	3	8	8
30	4	6	3	4	4	6	8	7	8	20	17	12	17	30	27	33	27	19	14	14	14	14	14	14	13	14
MEAN	8	7	8	7	7	8	9	8	10	11	11	10	9	9	9	8	8	7	7	7	7	8	8	8	8	8

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	11	6	7	6	9	7	11	****	6	5	5	6	6	5	4	4	8	8	3	3	3	3	2	6
2	2	1	1	2	2	2	2	2	2	2	2	2	2	4	5	4	3	2	3	3	3	3	3	3	3
3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	4	3	4	7	8
4	4	4	6	7	10	10	9	8	10	10	12	10	10	11	8	8	6	5	4	3	3	2	3	3	7
5	3	3	3	5	5	7	5	5	9	10	11	10	8	9	6	4	3	4	3	2	2	2	3	4	5
6	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	4	4	5	5	5	6	5	3
7	5	5	5	5	7	9	9	8	6	17	5	12	7	13	7	5	6	10	6	5	5	6	9	6	7
8	6	9	8	10	13	17	25	29	****	13	13	18	28	24	27	28	22	28	20	20	12	12	11	11	18
9	11	11	11	10	9	11	7	6	5	5	5	11	8	5	5	5	5	5	4	4	4	4	4	4	7
10	4	3	4	4	6	5	12	18	20	14	12	8	6	5	6	4	7	5	5	5	4	8	5	4	7
11	5	7	6	5	18	8	9	8	****	3	4	10	13	21	17	8	3	4	3	3	3	3	3	4	7
12	4	4	3	4	4	4	5	5	5	6	9	10	10	8	7	6	5	5	6	5	5	8	5	5	6
13	5	5	6	8	10	16	21	21	18	9	10	15	16	18	11	8	7	5	5	5	6	5	6	5	10
14	5	5	5	5	5	5	5	5	5	5	8	9	35	42	25	30	15	12	9	11	9	5	5	5	11
15	5	4	4	4	4	4	4	4	1	1	2	2	2	2	2	3	3	2	2	2	2	4	4	5	3
16	5	5	7	14	17	8	7	8	9	10	14	20	11	3	7	5	2	4	3	3	2	3	3	4	5
17	5	5	5	7	9	14	7	6	5	5	5	4	3	3	4	4	4	4	3	4	4	4	9	6	5
18	4	4	9	5	5	5	8	10	5	11	7	4	4	4	4	4	4	3	3	2	2	2	2	2	9
19	2	2	2	2	3	3	3	3	3	2	3	5	14	12	16	12	10	8	9	8	6	7	11	12	7
20	2	2	2	2	3	3	3	3	3	3	3	3	5	14	12	16	12	10	8	9	8	6	7	11	12
21	9	6	9	9	7	5	6	16	20	17	12	30	31	21	10	24	34	34	26	23	20	14	13	11	17
22	17	12	12	6	5	5	5	5	3	4	3	3	3	2	2	2	2	2	2	3	4	3	2	2	5
23	2	2	2	2	2	2	3	3	3	3	3	5	8	10	7	7	10	5	7	5	3	3	5	4	4
24	5	5	5	5	4	5	5	2	2	2	2	2	4	3	3	3	5	5	5	2	2	2	2	3	3
25	2	2	2	3	3	3	5	14	****	23	18	28	32	33	40	40	40	15	6	5	4	3	3	3	14
26	3	3	3	2	2	3	4	5	5	6	5	4	3	2	2	2	2	1	2	2	1	1	2	2	3
27	3	3	2	2	3	3	2	3	3	2	3	3	3	3	3	2	2	2	2	3	2	3	5	5	3
28	4	3	3	3	4	5	5	5	7	7	10	11	10	15	17	19	9	5	5	5	5	5	4	4	7
29	5	4	5	5	5	5	5	5	5	3	4	4	3	3	2	3	3	3	3	2	2	2	2	2	4
30	5	6	11	11	10	6	8	8	10	10	8	5	5	5	5	5	17	17	23	12	12	11	11	1	9
31	8	5	4	6	10	13	11	5	5	6	8	10	10	6	7	7	6	6	5	5	5	5	10	7	7
MEAN	5	5	5	5	7	7	7	8	7	7	7	9	10	10	9	8	8	7	6	5	5	5	5	5	7

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	11	9	10	5	6	7	9	20	13	8	8	8	12	14	18	17	10	6	6	8	9	8	6	10
2	5	8	7	5	8	18	12	12	10	11	11	14	12	10	5	5	4	7	8	7	4	4	3	2	8
3	2	2	2	2	2	2	2	2	2	3	2	3	2	2	2	3	3	3	3	2	2	2	3	4	2
4	4	4	3	4	4	4	6	19	16	8	10	9	****	****	****	4	7	9	8	14	5	7	16	6	8
5	5	5	8	6	5	7	10	7	***	10	17	14	12	11	12	6	5	5	6	5	4	4	3	2	7
6	2	2	1	1	2	2	2	2	1	3	3	3	3	4	7	7	6	6	5	3	3	3	3	3	3
7	5	5	4	3	4	5	7	10	8	9	10	12	4	4	4	5	7	7	6	6	5	8	10	6	6
8	19	8	10	10	9	9	13	20	***	13	10	12	9	10	6	8	16	5	3	2	2	2	2	2	9
9	5	12	5	5	3	4	4	3	3	3	3	6	10	7	6	7	14	7	5	5	5	7	6	4	6
10	3	3	4	3	4	15	8	20	20	11	16	13	17	12	11	6	6	5	5	4	9	6	5	5	9
11	5	5	4	4	4	5	7	8	20	20	18	16	13	7	5	5	5	4	5	4	4	3	3	7	7
12	4	3	3	3	3	3	4	4	***	7	6	14	16	8	9	7	8	4	4	3	4	3	3	5	5
13	3	3	3	4	4	4	4	4	4	4	7	8	7	8	6	5	7	8	9	7	5	4	2	1	5
14	5	5	5	5	4	4	4	3	6	3	5	5	7	4	3	5	4	4	4	3	4	3	3	4	4
15	3	4	4	3	5	6	12	12	***	8	6	7	4	3	3	5	7	7	8	8	9	13	6	4	6
16	4	6	4	3	3	3	5	6	4	4	5	8	9	8	8	8	5	5	5	3	3	6	6	4	5
17	3	3	3	4	7	7	9	11	13	17	10	8	11	10	9	10	8	5	4	5	5	5	4	5	7
18	4	4	3	2	3	4	5	5	6	7	13	8	7	9	5	4	3	3	2	2	1	1	2	4	1
19	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	2	2	2	2	1	1	1	2	1
20	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	2	2	2	2	2	2	2	3	3	2
21	4	4	3	3	3	4	4	4	5	8	8	9	4	3	4	3	3	8	10	5	7	5	6	5	5
22	8	5	4	3	4	3	3	3	1	4	8	14	6	7	4	4	4	5	9	3	3	4	5	4	5
23	3	4	3	4	5	7	9	5	14	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24																									
25																									
26																									
27																									
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	4	4	4	4	4	5	5	5	5	4	3	4	4	3	****
MEAN	5	5	4	4	4	5	6	7	8	9	8	9	8	7	6	6	6	6	5	5	4	5	5	4	6

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	4	5	6	10	12	7	6	6	8	11	12	7	8	5	4	3	3	3	3	3	6
2	3	3	3	3	3	3	4	7	5	****	9	9	10	9	8	8	10	10	9	8	10	10	9	7	7
3	7	6	5	3	3	4	7	21	17	****	****	****	****	****	35	20	6	9	8	8	5	3	2	3	3
4	3	2	3	3	3	4	3	3	3	2	2	4	3	3	3	2	2	2	3	3	2	2	2	2	2
5	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3	4	3	9	3	1	2	2	4
6	2	2	2	2	2	2	2	3	4	6	6	6	10	11	8	12	3	4	3	2	2	2	3	7	5
7	2	1	1	2	1	3	4	5	13	11	11	6	7	9	6	9	4	2	3	2	9	5	3	5	6
8	2	4	6	4	4	2	6	5	7	8	8	6	5	4	5	7	7	9	7	12	9	5	3	2	7
9	3	3	5	5	4	4	4	8	13	11	14	11	19	6	10	13	6	4	3	2	2	3	2	2	6
10	2	2	2	2	4	3	5	4	****	3	3	3	5	16	11	8	8	8	9	12	8	8	6	3	6
11	5	3	4	2	2	2	2	2	3	2	3	2	2	2	2	3	4	3	3	2	2	2	1	1	3
12	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14																									
15																									
16																									
17																									
18																									
19																									
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21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	3	3	4	6	7	5	6	5	7	7	9	8	5	5	5	6	4	4	3	4	5

PERCENTAGE OF DATA VALID - 38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	3	3	3	3	2	3	6	6	7	8	8	9	8	7	7	7	6	4	4	3	3	4	3	3	5
15	2	4	3	2	4	5	4	4	7	10	12	7	7	7	5	4	4	4	3	2	4	3	3	3	5
16	3	4	3	2	2	3	3	3	3	3	3	3	2	6	3	2	3	2	2	3	3	4	3	3	3
17	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
18	3	2	2	2	3	4	5	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	3	2	3	3	4	3	3	3	3	3	4	6	5	4	3	2	2	2	1	2	1	2	2	2	3
21	2	1	2	2	2	2	1	1	2	****	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2
22	2	2	2	2	1	2	2	2	4	3	5	5	12	13	3	1	1	2	1	2	1	2	2	2	1
23	2	2	2	2	2	2	1	1	1	2	2	3	2	2	2	2	3	5	3	2	2	2	2	2	2
24	2	2	1	1	2	2	2	1	3	2	2	3	1	2	2	2	2	4	5	5	2	2	2	2	3
25	2	2	1	1	1	2	2	3	4	5	12	8	7	6	4	3	4	6	5	4	3	3	3	6	4
26	3	3	6	6	5	3	3	6	5	****	5	4	5	6	5	5	3	3	2	3	2	2	2	2	4
27	2	2	2	2	1	1	1	2	3	4	4	6	8	14	8	29	38	24	6	11	6	9	5	3	8
28	3	2	3	2	2	3	4	3	4	2	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2
29	1	1	2	2	1	1	1	0	1	2	1	1	1	2	2	2	3	4	3	2	2	3	3	3	2
30	2	2	2	2	2	3	5	2	2	3	3	5	6	6	4	4	5	6	4	3	3	1	2	2	3
31	2	2	2	3	3	2	3	2	3	****	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	4	4	5	5	6	4	5	5	5	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	4	3	4	4	2	2	4	4	4	4	4	4	4	4	3	2	3
2	2	3	3	3	3	3	3	3	7	6	7	8	11	6	10	6	6	8	6	5	5	9	5	6	6
3	7	6	6	5	6	6	4	4	5	4	4	5	4	5	6	16	27	9	3	3	8	3	3	4	7
4	5	5	5	4	5	4	4	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	2	2	1	1	1	1	3	2	2	2	2	3	3	4	5	4	3	3	3
6	3	3	3	4	3	3	4	5	6	5	5	6	8	11	8	8	5	6	4	4	7	5	4	4	5
7	2	3	3	4	4	4	4	4	4	4	5	4	5	4	6	5	4	4	4	3	3	3	3	3	4
8	3	3	3	3	3	4	4	7	25	23	26	24	25	15	5	4	4	4	4	4	4	4	4	4	9
9	3	5	4	4	4	3	2	2	3	3	3	3	5	6	7	8	9	9	10	6	7	7	11	13	6
10	15	12	9	7	11	11	8	6	8	8	6	8	5	5	7	2	2	2	2	2	2	2	2	2	6
11	2	3	3	2	2	2	2	3	4	2	2	2	2	3	2	2	2	4	3	3	4	5	5	5	3
12	3	3	3	3	3	3	3	4	6	8	6	4	4	4	4	9	6	4	3	3	3	3	3	3	4
13	2	3	3	3	3	4	3	3	3	3	2	2	2	2	4	3	3	2	2	2	3	2	2	2	3
14	3	3	3	2	2	2	2	3	5	5	7	7	4	7	4	5	6	6	4	4	4	3	3	2	4
15	2	2	2	2	2	4	4	4	5	5	6	6	3	3	2	3	2	3	3	2	6	11	5	4	4
16	5	4	3	4	4	3	3	3	3	3	3	3	7	1	2	1	1	1	1	1	1	1	1	1	2
17	0	1	1	1	1	2	2	5	6	***	12	13	7	11	9	4	2	2	2	2	2	2	1	1	4
18	2	1	1	1	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	2	1	1	1	1	2
19	1	1	1	1	1	2	1	1	1	1	2	1	9	5	2	2	2	2	3	3	3	3	3	3	1
20	2	2	1	1	1	1	1	2	4	6	6	3	3	3	3	8	4	8	8	5	5	4	4	4	4
21	3	4	5	4	5	5	4	6	8	***	2	4	5	3	2	2	2	2	2	2	2	2	2	4	3
22	2	1	1	2	1	1	1	2	3	3	4	4	3	1	2	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	2	1	1	0	0	0	1	1	1	1	0	1	1	0	0	0	0	1
24	1	0	0	1	1	1	1	1	1	2	4	7	13	12	13	26	17	6	4	3	2	2	1	1	5
25	2	2	2	2	1	2	3	2	2	2	1	1	1	2	1	2	1	1	1	2	3	5	2	2	4
26	3	4	1	2	1	2	3	5	5	7	4	4	3	3	2	2	2	1	1	1	1	1	1	1	3
27	0	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0
28	1	1	1	1	2	2	2	2	2	3	2	1	2	2	1	2	3	1	2	2	2	1	1	1	2
29	1	1	1	1	2	1	1	1	2	2	1	3	4	2	1	4	1	2	2	2	4	4	2	2	2
30	4	7	7	9	5	8	4	5	5	2	3	3	2	2	2	2	1	2	1	2	1	1	1	1	3
MEAN	3	3	3	3	3	3	3	3	5	4	4	4	5	4	4	5	4	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	2	2	2	2	3	2	5	9	3	7	4	5	3	4	2	2	3	2	3
2	2	2	3	3	2	3	5	6	7	6	4	4	4	7	***	***	***	***	***	***	***	***	***	***	***
3												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
4												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
5												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
6	***	***	***	***	***	***	***	***	***	***	4	2	6	4	5	7	6	5	5	5	7	7	6	6	***
7	5	5	6	7	8	9	11	16	14	8	9	12	9	18	18	17	19	16	11	11	5	9	14	8	11
8	7	6	7	6	6	7	7	10	13	15	18	23	21	19	12	6	7	5	4	4	4	3	2	4	9
9	5	7	4	3	4	4	4	8	10	11	13	13	10	6	4	4	5	***	***	***	***	***	***	***	7
10												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
11												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
12												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
13												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
14												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
15												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
16												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
17												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
18												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
19												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
20												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
21												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
22												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
23												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
24												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
25												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
26												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
27												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
28												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
29												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
30												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
31												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	4	4	4	4	4	5	6	8	9	8	9	9	9	11	8	8	8	8	6	6	5	5	6	5	7

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	13	12	15	15	13	7	6	10	15	15	15	12	3	3	4	4	4	4	5	5	5	4	5	11	****
21	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	7	5	10	5
22	7	7	7	8	7	8	8	7	8	8	9	9	9	8	6	7	6	6	5	5	5	5	5	5	7
23	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	7	8	8	9	9	9	9	9	9	9	8	6	6	6	5	5	5	5	5	6	5	6	7	7	7
25	6	6	6	6	6	6	8	7	7	7	14	5	7	7	6	6	8	9	8	7	8	7	7	7	7
26	6	5	7	7	7	7	6	7	7	7	6	8	7	7	7	7	7	7	12	8	7	7	7	7	7
27	7	7	7	8	13	16	17	15	20	13	13	15	14	13	9	7	7	7	7	7	7	7	7	6	10
28	7	8	7	7	7	7	7	8	7	7	7	7	8	7	6	6	7	7	7	7	7	7	7	6	7
29	9	8	7	7	15	22	17	23	25	25	25	24	19	17	17	16	15	14	15	15	14	13	****	****	16
30													- DATA MISSING -												
MEAN	7	7	7	8	9	9	9	10	11	11	10	9	8	8	7	7	7	7	7	7	7	7	6	7	8

PERCENTAGE OF DATA VALID - 34

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - UNIVERSITY OF TORONTO

NO 31002

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	11	19	48
FEB	28	9	16	67
MAR	31	5	13	25
APR	30	8	15	38
MAY	31	7	18	42
JUN	24	6	10	25
JUL	13	5	9	35
AUG	19	3	8	38
SEP	30	3	9	27
OCT	6	7	11	23
NOV	11	8	16	25
DEC		DATA MISSING		
YEAR	254	7	19	67

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - UNIVERSITY OF TORONTO

NO 31002

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	42	400	177	97	15	4	735
FEB	124	395	67	49	14	8	657
MAR	344	346	24	26	0	0	740
APR	178	353	97	71	14	0	713
MAY	320	299	56	44	16	4	739
JUN	264	222	36	23	0	0	545
JUL	182	81	16	5	1	0	285
AUG	329	77	6	1	2	0	415
SEP	560	132	14	8	3	0	717
OCT	45	50	11	11	0	0	117
NOV	21	190	15	25	0	0	251
DEC	DATA MISSING						
YEAR	2409	2545	519	360	65	16	5914

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	0	1.3	3.0	4.7	7.2	12.4	16.3	22.6	27.4	67	7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	6	9	9	8	8	9	8	8	6	7	5	5	3	4	7	5	5	7	7	8	5	****	7
2	***	***	***	***	5	5	7	***	20	18	27	18	12	8	7	7	6	13	10	16	20	19	18	15	13
3	15	12	***	***	8	9	5	7	***	5	6	7	9	***	13	11	14	15	16	18	24	23	15	12	12
4	16	14	8	9	9	6	6	8	10	9	12	10	8	5	6	6	6	10	7	5	3	4	4	4	8
5	3	5	4	6	11	9	7	10	11	10	8	4	3	2	2	3	3	3	3	3	3	4	4	4	5
6	3	5	7	6	7	12	9	11	12	11	10	7	5	3	5	4	18	10	8	9	12	12	9	10	9
7	10	9	10	11	10	8	8	8	9	8	7	11	6	4	3	2	3	2	3	2	0	0	0	1	3
8	3	7	7	6	5	5	5	5	5	4	4	4	2	2	3	4	4	4	3	5	6	4	4	4	3
9	0	0	1	2	3	3	3	2	1	2	2	2	2	2	3	4	4	4	3	5	6	4	4	4	3
10	4	5	6	5	5	11	16	15	14	10	7	9	7	4	7	5	4	6	8	9	7	6	6	7	8
11	6	5	2	3	2	2	2	2	2	2	4	5	4	4	4	6	6	8	8	10	13	14	20	16	6
12	13	11	5	5	9	7	6	7	8	6	7	6	5	5	10	15	13	7	8	9	10	9	5	4	8
13	5	3	3	3	3	4	4	4	4	2	2	2	3	2	2	8	11	10	9	3	4	6	5	5	6
14	6	6	10	9	5	5	5	5	3	6	6	7	5	3	5	7	3	5	3	6	8	5	5	9	6
15	10	12	8	9	12	6	8	8	4	6	6	8	11	12	10	8	11	9	10	11	17	16	11	10	10
16	14	15	15	16	14	17	23	22	23	29	15	11	12	15	12	13	10	11	10	6	5	4	3	6	6
17	3	3	4	4	8	9	9	7	12	10	9	10	6	7	5	3	4	4	5	3	8	9	12	9	7
18	6	8	12	10	8	6	4	6	10	2	5	7	6	3	2	2	5	5	5	8	9	8	1	1	6
19	10	12	9	8	10	10	7	6	4	4	4	3	4	6	13	8	6	4	4	3	2	1	1	1	6
20	2	2	3	3	6	7	5	3	3	3	3	4	5	4	3	5	3	6	6	6	6	4	4	4	4
21	2	3	1	1	5	4	3	4	2	1	2	3	2	1	2	2	2	3	2	2	3	6	8	3	3
22	12	13	9	8	8	14	15	22	20	20	9	5	5	4	11	12	7	7	5	5	7	5	5	10	7
23	6	10	6	7	9	9	9	7	4	5	6	7	7	7	9	8	6	12	7	10	7	3	2	3	7
24	6	10	10	11	12	11	12	14	15	10	7	16	10	6	4	4	4	4	4	6	6	6	5	10	9
25	13	18	16	16	18	20	18	15	22	20	10	11	15	12	16	12	11	11	13	13	10	8	5	10	8
26	6	8	8	7	6	6	6	6	6	6	9	10	14	12	12	14	8	8	12	13	12	7	6	4	9
27	9	11	10	7	6	6	7	6	6	9	10	14	14	12	12	15	7	6	12	13	12	5	7	7	11
28	6	6	13	10	10	10	11	6	9	10	10	14	21	17	15	24	4	3	6	9	6	5	5	7	6
29	10	4	2	2	3	5	5	11	9	12	10	6	4	4	4	7	4	4	4	4	4	2	3	10	6
30	5	2	3	4	5	8	8	8	18	10	7	14	6	5	4	4	4	4	4	4	4	4	4	4	8
31	15	15	12	7	4	5	10	10	14	7	4	3	6	9	12	4	3	5	13	13	14	8	4	4	8
MEAN	8	8	7	7	8	8	8	9	10	9	7	7	7	6	7	7	7	7	7	8	8	7	6	7	7

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH FEB 70

STATION - CITY HALL TORONTO																								NO 31005	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	7	9	4	11	9	5	5	11	4	9	6	4	4	3	4	1	3	2	4	4	5	4	5
2	4	5	4	13	15	25	20	4	3	***	5	25	26	33	19	14	8	4	4	3	7	12	12	9	12
3	6	5	5	4	10	9	11	12	11	9	13	7	9	10	6	7	7	4	3	4	8	15	15	10	8
4	11	13	15	11	12	17	17	15	12	10	11	5	10	3	3	2	2	3	6	6	7	6	8	14	9
5	4	4	4	4	4	3	3	3	3	3	2	2	2	2	3	3	2	2	5	15	14	8	14	11	
6	6	5	10	11	24	31	34	25	22	7	5	3	4	3	3	3	3	2	9	10	9	14	14	20	10
7	24	17	14	18	20	10	10	21	18	10	4	4	4	4	4	5	6	9	10	9	14	12	12	10	25
8	9	14	18	26	33	34	35	41	41	36	7	8	9	10	11	9	9	8	7	7	11	10	16	17	9
9	9	6	6	6	6	6	7	7	7	7	5	5	5	4	4	6	5	5	4	6	6	6	6	6	7
10	15	20	13	11	10	9	9	10	8	7	5	5	5	4	4	4	6	5	4	6	6	6	6	6	7
11	6	5	8	13	15	11	10	8	8	4	4	2	4	4	4	4	7	6	5	6	6	6	6	6	7
12	5	5	5	5	7	6	6	6	11	23	6	4	1	2	2	1	3	2	1	1	3	6	5	5	5
13	9	9	8	12	19	18	16	12	12	9	7	5	4	2	4	4	2	1	1	2	1	2	2	3	7
14	3	3	4	6	13	10	10	11	10	9	3	8	10	16	10	8	14	7	9	7	9	8	10	8	7
15	15	12	14	13	12	12	10	12	9	7	6	6	5	5	5	8	7	3	2	2	2	1	1	3	4
16	3	2	3	6	11	8	9	9	10	5	5	3	2	3	1	3	7	3	2	2	2	5	6	6	4
17	3	2	1	4	9	7	2	3	6	11	18	8	5	6	***	***	5	4	5	7	5	6	6	4	6
18	5	7	5	7	6	5	5	4	5	4	3	8	7	8	9	4	2	2	2	6	5	5	8	5	
19	3	5	7	8	4	5	6	4	5	6	6	6	7	7	5	2	1	0	0	1	1	1	1	1	4
20	1	2	3	2	2	1	1	3	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	1	2	3	4	5	6	3	3	3	2	2	1	1	1	0	0	0	1	4	6	7	2
22	2	1	2	4	3	4	2	3	6	3	2	2	1	1	0	0	0	1	0	1	0	1	2	2	2
23	4	5	5	5	8	6	3	5	7	7	***	***	***	***	5	3	2	2	2	2	2	2	2	2	5
24	7	5	4	7	6	6	6	7	8	12	11	7	5	4	7	6	3	4	6	6	7	10	2	2	5
25	2	3	5	2	3	7	5	2	5	5	4	12	3	4	3	4	3	2	3	4	3	4	7	8	4
26	4	2	2	2	4	4	3	3	3	2	3	7	4	4	3	7	4	3	2	3	6	5	4	8	3
27	7	3	4	3	2	2	1	1	1	1	1	2	2	2	1	2	2	2	2	3	6	5	4	8	3
28	7	9	6	7	7	4	4	5	6	10	8	9	10	9	7	7	9	11	11	3	5	7	7	7	7
MEAN	6	6	7	8	10	10	9	9	9	8	7	6	6	7	6	5	5	5	5	5	5	7	7	7	7

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	12	8	8	7	7	7	5	7	7	6	6	9	8	5	****	****	****	****	****	****	****	****	****	****
2	****	****	5	5	4	4	4	4	4	4	4	7	6	6	5	5	4	5	4	4	3	5	6	6	5
3	4	4	5	6	6	5	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	3	3	3	4
4	4	4	3	4	4	3	5	6	6	6	7	6	6	5	5	4	4	2	2	3	3	7	4	3	4
5	4	5	5	5	7	6	9	7	5	4	3	3	3	3	3	3	3	3	5	4	3	****	****	****	4
6																									
7																									
8																									
9																									
10																									
11																									
12	****	1	0	1	3	1	2	4	5	7	****	****	4	5	12	11	9	7	6	6	5	5	3	3	5
13	2	4	3	2	2	2	2	3	3	3	5	3	2	2	3	4	5	1	2	2	2	1	0	1	3
14	6	2	3	2	3	4	5	4	5	7	3	3	3	0	0	0	0	0	0	0	0	0	0	0	2
15	1	2	2	5	6	4	2	3	3	3	6	2	3	1	5	4	3	6	4	4	4	3	5	5	4
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	6	6	6	6	7	7	6	8	7	5	4	4	4	4	4	3	3	3	3	3	4	6	7	8	5
18	9	9	10	13	11	9	7	9	8	7	7	6	4	4	4	6	6	5	7	8	10	6	7	6	7
19	4	4	5	6	6	5	4	5	4	5	5	5	6	6	6	4	4	4	5	6	4	4	4	4	6
20	10	7	7	8	7	6	6	7	7	7	6	6	6	6	4	4	4	4	4	4	4	4	4	4	4
21	3	3	3	4	3	4	4	4	4	4	4	5	4	4	5	5	6	4	4	4	6	6	7	6	4
22	6	6	5	6	7	7	8	7	8	7	6	3	4	5	5	5	6	6	6	6	6	6	6	6	6
23																									
24																									
25																									
26	****	4	3	2	1	1	1	1	2	3	****	3	3	4	6	7	1	****	****	****	****	****	****	****	****
27																									
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	2	2	4	5	2	1	2	1	0	0	1	2	2	3	3	3	0	0	3	2	2	5	5	8	****
30	7	3	3	4	4	3	4	5	8	7	8	5	4	4	4	5	4	3	5	5	6	9	8	7	5
31	4	4	4	4	4	5	5	7	10	7	6	6	7	3	4	8	2	3	4	2	1	1	2	3	4
MEAN	6	5	4	5	5	4	5	5	5	5	5	4	4	4	5	5	4	4	4	4	4	5	5	5	5

PERCENTAGE OF DATA VALID - 60

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	7	7	5	4	4	5	8	14	8	3	1	4	12	6	5	3	3	2	2	4	2	2	5
2	2	1	1	2	.....	.....	.....	.....	.....	2	4	3	1	1	3	8	5	5	4	3	1	.....	.....	.....	3
3																									
4																									
5	0	0	0	0	0	0	0	0	0	2	2	2	0	1	1	0	1	1	1	.....	.....	.....	.....	.....	1
6	7	10	10	9	11	16	13	15	14	15	7	8	10	15	9	7	7	4	4	5	4	3	3	2	9
7	2	3	4	3	8	7	6	9	6	4	2	.....	.....	1	1	2	1	1	2	2	3	5	3	6	4
8	6	6	7	5	3	2	5	7	2	1	2	2	2	3	2	1	4	3	5	6	5	2	3	6	4
9	6	2	1	1	1	1	0	1	1	0	0	0	0	0	0	.....	0	0	0	0	0	.....	.....	.....	1
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	0	0	0	0	0	4	5	2	2	1
11	2	2	3	6	7	7	7	2	6	5	6	6	2	3	4	4	5	6	4	6	8	10	12	10	6
12	10	12	10	10	10	10	10	10	8	8	4	6	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	3	3	4	4	3	3	4	4	4	6	5	5	6	9	8	9	6	6	4	4	4	4	3	2	5
15	3	3	3	3	3	3	3	3	3	3	2	2	4	3	2	2	5	5	3	3	3	2	4	4	3
16	4	5	20	10	10	9	13	17	13	13	9	4	6	6	5	18	9	5	6	2	4	13	15	13	10
17	3	3	3	4	5	2	3	4	7	7	4	2	3	3	2	3	4	3	3	5	2	2	1	2	3
18	3	2	1	1	4	5	5	3	4	2	2	2	2	3	4	1	1	2	4	6	4	2	2	2	3
19	2	2	2	2	2	2	3	4	4	3	3	3	4	4	3	4	4	4	3	4	4	4	3	4	3
20	3	2	2	2	2	2	4	5	6	12	10	8	3	2	4	7	8	7	4	7	4	4	4	4	4
21	12	13	7	6	6	8	7	6	14	8	4	2	2	2	2	2	1	1	1	0	0	0	0	0	4
22	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	2	2	7	18	20	2
23	14	24	5	6	5	6	8	7	24	16	10	7	7	4	4	3	2	0	1	1	1	1	1	1	7
24	2	2	3	2	4	5	5	11	24	14	5	3	3	2	5	3	6	5	3	3	3	4	3	4	5
25	2	2	2	3	3	3	4	4	4	4	2	1	1	1	0	1	1	2	2	2	5	8	7	2	3
26	3	2	2	2	2	2	5	7	7	5	5	3	2	2	2	2	2	3	4	8	7	7	9	8	7
27	3	5	11	10	7	7	8	9	8	7	7	6	4	6	6	4	9	10	9	12	6	4	4	5	9
28	14	11	9	10	8	13	11	11	9	21	9	6	6	8	5	6	7	30	12	10	8	10	7	5	8
29	5	4	5	9	4	5	5	8	9	7	5	7	6	5	5	6	7	30	19	16	13	14	11	7	6
30	6	7	5	4	4	7	11	7	10	19	13	14	10	11	15	14	13	19	16	13	14	11	7	6	11
MEAN	5	5	5	5	5	5	6	6	7	7	5	4	3	4	4	5	4	5	4	4	4	5	5	5	5

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	3	5	4	5	3	4	3	2	2	3	3	3	4	4	5	6	14	13	9	5	3	2	5
2	1	1	3	2	2	2	1	1	1	2	1	1	0	1	1	2	0	1	3	3	2	5	6	3	2
3	4	5	6	4	2	3	3	2	1	1	2	2	2	2	2	3	4	2	1	2	3	6	2	0	3
4	0	0	0	1	2	3	3	2	2	2	3	3	2	****	****	3	6	6	4	5	7	6	8	3	3
5	3	2	3	4	6	7	10	9	8	8	8	8	7	7	6	7	****	6	6	7	8	5	3	4	6
6	5	5	5	6	7	9	10	8	9	8	6	6	8	7	5	5	6	6	6	5	5	5	****	****	6
7	****	8	8	5	6	9	10	7	6	6	3	2	3	3	4	6	6	3	3	6	8	12	8	6	6
8	8	10	16	14	14	16	20	20	13	8	10	8	14	24	24	20	20	22	20	22	16	12	12	16	16
9	18	20	16	10	14	14	17	10	11	11	8	10	16	9	7	7	9	8	7	8	8	8	7	11	11
10	7	6	7	5	7	7	10	10	12	10	6	6	5	4	4	4	4	6	4	4	4	5	4	4	6
11	4	5	5	4	6	7	7	5	7	7	5	5	7	16	14	9	3	3	4	5	5	5	5	6	6
12	5	5	5	5	8	8	9	9	9	10	10	13	12	10	9	9	8	16	8	20	7	5	9	9	9
13	5	7	7	9	10	13	16	17	16	10	9	10	13	15	14	9	10	9	8	7	7	6	6	5	10
14	5	5	5	4	3	4	4	4	4	4	4	6	10	4	4	20	16	12	9	11	12	8	7	7	7
15	6	6	6	6	8	8	6	5	6	6	7	7	****	****	****	****	5	6	6	7	7	8	6	7	6
16	8	9	10	8	10	8	7	8	8	10	11	7	7	6	4	2	3	2	3	4	5	2	5	10	7
17	11	6	9	8	12	15	6	6	5	7	7	6	8	6	2	3	3	7	5	4	8	7	10	7	7
18	4	3	3	8	6	10	8	14	10	3	4	5	4	3	2	3	3	3	2	2	2	4	4	6	5
19	7	7	7	5	6	8	7	12	14	8	16	12	14	8	8	8	5	4	8	6	4	3	3	3	8
20	3	3	2	2	2	2	3	4	3	2	2	3	6	8	3	2	4	5	4	3	5	4	11	7	4
21	13	14	14	13	13	6	10	16	22	14	10	15	11	7	8	11	23	24	15	15	15	16	10	16	14
22	16	12	10	8	6	6	6	8	9	10	8	5	6	6	8	10	6	6	4	4	9	5	6	6	8
23	2	4	5	3	4	4	5	6	7	6	6	6	5	8	6	5	6	5	8	9	6	7	8	6	6
24	10	9	8	8	10	6	8	6	6	4	6	8	8	8	6	10	10	10	10	7	9	14	10	9	15
25	6	7	8	8	8	8	11	16	17	27	20	24	25	22	28	28	32	10	7	7	2	2	3	3	5
26	5	4	2	2	2	5	8	9	10	6	5	6	4	4	5	4	4	4	4	4	4	4	7	7	4
27	2	4	6	5	5	5	5	4	7	8	****	7	9	7	6	8	10	11	9	9	11	7	6	8	8
28	7	3	9	8	10	10	6	4	7	3	4	4	6	5	4	3	3	3	4	5	5	5	6	11	6
29	10	8	9	7	7	7	8	7	5	5	4	4	6	5	4	3	3	3	4	5	5	5	3	4	4
30	11	6	6	2	2	7	6	6	4	3	3	3	3	2	2	2	3	5	5	7	5	5	3	4	4
MEAN	6	6	7	6	7	7	8	8	8	7	6	7	7	7	7	7	7	7	7	7	7	7	6	6	7

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	5	10	9	11	6	3	2	3	4	6	3	4	5	5	4	4	5	8	9	10	6	5
2	5	5	3	3	2	3	4	6	6	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	8	13	2	****	6	7	6	3	3	2	2	3	3	3	14	5	8	5	5
4	4	3	7	5	5	8	9	9	12	11	5	4	5	4	4	4	3	4	6	6	6	4	2	2	6
5	1	1	1	2	1	0	1	1	1	2	2	2	2	2	1	2	3	3	4	3	2	2	2	3	2
6	1	1	1	2	1	2	2	3	2	1	2	2	2	0	0	0	0	1	1	0	0	0	0	0	1
7	2	2	2	1	2	2	3	3	3	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	2
8	0	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	2
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	2	2	3	2	2	2	****
12	2	1	2	1	1	1	1	2	2	3	2	2	3	3	2	2	2	2	2	2	5	2	2	2	2
13	2	2	2	2	2	2	3	3	4	3	3	3	3	0	1	1	1	1	2	4	6	7	3	5	3
14	4	3	2	2	12	10	3	3	4	3	3	3	5	5	4	2	3	4	4	5	6	5	4	3	4
15	5	6	8	9	10	8	14	12	9	8	11	10	10	11	9	9	8	12	14	11	13	12	10	8	10
16	12	11	5	4	9	11	11	14	9	10	9	8	8	8	7	8	6	6	6	8	15	18	14	5	9
17	12	17	13	10	16	12	8	13	8	14	6	3	3	3	2	2	2	4	8	7	6	5	6	4	8
18	4	2	1	2	6	13	7	5	6	3	3	3	3	4	4	2	2	2	2	2	1	2	2	1	3
19	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	2	1	1	1	2	2	3	1
21	4	4	3	3	5	4	2	4	6	4	4	3	2	3	2	1	3	3	3	3	6	4	5	6	4
22	8	5	8	5	3	4	3	3	2	2	3	2	2	2	2	2	2	2	2	4	10	12	6	3	4
23	2	3	2	4	6	6	7	5	6	5	10	5	4	3	5	4	3	2	2	3	4	7	11	6	5
24	3	9	10	6	13	10	5	4	4	4	3	4	2	2	2	2	5	6	4	1	1	1	0	3	4
25	6	4	2	4	3	5	5	2	1	2	2	2	5	6	5	5	5	5	4	3	4	11	11	5	4
26	4	3	2	4	3	3	2	2	3	2	3	3	4	3	3	4	3	2	2	2	2	2	2	1	3
27	2	0	0	1	1	1	3	5	3	3	2	1	1	1	2	2	2	3	3	3	4	6	5	6	3
28	7	6	4	5	11	11	4	4	3	3	6	9	3	2	2	2	1	2	1	2	2	3	2	2	4
29	2	4	1	4	4	2	2	2	1	1	2	2	2	3	3	2	2	7	4	5	6	6	4	4	3
30	3	3	2	2	2	2	3	5	6	6	6	4	4	4	6	****	****	****	****	****	****	****	****	****	****
MEAN	4	4	3	4	5	5	5	5	4	4	4	4	3	3	3	3	3	4	4	4	5	5	5	4	4

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	4	6	6	7	6	11	9	15	11	13	8	8	19	8	16	32	10	7	7	4	3	5	6	6	9
9	2	3	4	4	7	13	10	5	4	4	4	10	8	20	14	6	6	6	7	9	9	10	9	9	8
10																									
11	5	5	6	6	5	6	7	4	3	5	4	4	5	3	2	2	4	5	4	4	4	6	7	7	5
12	3	2	2	4	6	9	8	9	8	5	2	3	2	2	2	2	2	3	3	4	7	5	3	3	4
13	3	2	3	3	4	6	14	21	17	13	10	17	16	22	12	9	6	6	6	7	9	7	6	7	9
14	6	3	3	5	8	9	9	5	8	4	7	7	6	6	5	4	4	4	2	2	2	2	2	2	4
15	1	1	0	0	1	1	2	3	3	3	3	3	3	3	2	2	2	3	5	4	4	2	2	4	2
16	4	2	2	2	3	3	3	2	2	1	1	1	3	3	2	2	2	2	2	4	2	2	2	10	3
17	5	7	17	9	15	6	3	5	5	6	6	5	4	4	4	3	3	3	3	5	3	2	2	2	5
18	2	2	2	2	2	1	1	2	3	3	2	4	4	3	3	3	3	2	2	2	2	2	2	2	2
19	1	2	1	2	2	2	2	2	2	2	1	1	2	2	2	1	2	2	2	2	4	4	2	3	2
20	4	3	2	1	2	2	2	2	2	2	2	3	3	2	4	3	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	2	1	1	1	1	2	3	4	2
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	4	4	4	4	4	4	5	4	4	4	4	4	4	4	5	5	5	4	5	3	4	4	3	4	4
30																									
31	3	3	4	5	5	4	5	5	5	5	4	10	14	8	5	5	4	4	3	4	5	5	5	5	5
MEAN	3	3	4	4	5	5	5	6	5	5	4	5	6	6	5	5	4	4	4	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	4	3	3	3	4	3	2	2	5	4	5	2	3	2	2	4	4	5	7	3	4
2	3	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	1	2	2	3	3	3	1	1	1	1	1	1	1	1	1	2	2	1	2	1	
4	2	5	5	7	8	6	5	5	5	4	4	4	4	2	3	3	3	5	4	3	3	8	5	4	4
5	4	6	4	5	5	5	5	4	4	4	4	4	6	5	4	3	4	4	4	4	3	3	8	12	5
6	12	8	6	6	6	6	6	6	6	6	6	8	7	8	3	3	3	6	6	4	7	4	8	6	6
7	4	3	4	5	4	7	6	5	4	4	3	3	3	4	4	2	3	4	5	5	4	5	9	8	5
8	6	7	7	4	6	7	7	7	7	6	2	2	3	4	12	17	10	10	3	3	3	3	3	3	6
9	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	2	2	4	4	4	3	3
10	6	7	6	10	7	5	4	7	6	19	7	4	5	46	19	6	7	7	8	12	12	11	4	4	10
11	5	5	5	5	4	4	4	4	4	4	4	38	4	4	4	4	4	4	4	3	5	5	3	2	6
12	3	4	4	4	2	7	5	8	9	4	4	6	7	8	5	5	6	6	8	11	13	7	6	5	6
13	4	4	4	6	8	8	12	12	10	6	6	5	4	3	6	8	6	7	5	5	6	9	6	7	7
14	6	4	6	4	4	6	14	12	6	5	4	4	4	4	3	3	2	2	4	10	8	8	6	4	6
15	3	4	4	4	4	5	9	7	6	8	6	6	6	6	5	6	4	4	4	3	2	2	3	3	5
16	2	2	6	5	3	3	3	3	5	6	7	6	4	6	4	2	2	2	2	2	2	2	9	3	4
17	6	4	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	6	6	7	10	7	7	8	8	6	2	2	2	2	2	4	10	17	12	5	2	2	2	2	4
19	4	4	4	4	3	5	3	4	6	4	6	2	3	3	3	2	1	2	3	2	2	2	3	3	4
20																									
21	1	1	1	1	2	2	3	4	3	3	4	3	3	3	2	3	3	4	6	4	4	5	3	4	3
22	2	2	4	4	5	6	5	3	8	10	14	8	5	4	3	3	2	2	2	2	2	2	2	2	4
23	2	2	2	2	2	2	3	4	5	4	5	2	2	3	2	3	6	2	4	4	3	2	2	2	3
24	2	2	3	4	4	5	6	4	3	3	3	6	2	2	2	2	4	4	6	6	3	2	2	2	3
25	2	2	3	4	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	5	6	7	6	4
26	6	7	6	6	8	12	11	10	11	7	6	6	6	9	8	7	4	2	2	3	3	4	4	4	6
27	2	2	2	2	2	3	3	4	4	5	5	8	11	10	28	24	24	5	6	9	5	4	4	5	7
28	3	2	4	8	3	3	7	5	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3
29	2	2	2	2	2	2	3	5	4	2	2	3	1	1	2	2	2	6	6	3	3	3	3	3	3
30	2	2	6	4	4	5	2	2	2	2	2	2	2	1	4	4	4	3	6	2	2	2	2	2	3
31	2	3	5	6	4	6	4	4	6	6	5	5	5	5	5	5	6	4	2	2	2	2	2	2	4
MEAN	4	4	4	4	4	5	5	5	5	5	4	5	4	5	5	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	***	***	***	3	4	4	3	5	4	4	4	6	5	6	8	11	10	3	4
2	2	2	1	1	8	4	9	9	11	10	5	5	3	3	5	5	3	3	2	2	2	3	3	3	5
3	4	3	3	3	4	4	4	5	6	4	2	2	2	2	10	12	11	11	6	3	3	3	3	3	4
4	2	2	4	7	3	4	6	8	6	3	3	3	2	3	3	3	3	3	3	3	3	2	2	2	3
5	1	1	4	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
6	2	2	1	1	2	3	8	9	10	8	3	4	2	4	3	3	3	3	3	3	4	4	5	6	3
7	2	2	4	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	7
8	6	5	***	***	***	***	***	***	***	5	17	18	12	8	6	4	4	6	6	5	4	4	4	9	6
9	6	6	4	3	2	2	3	4	2	3	4	4	4	4	2	2	2	2	2	2	2	2	2	2	4
10	5	9	9	7	4	3	3	4	4	4	5	5	6	3	2	2	2	2	2	2	2	2	2	2	4
11	2	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	3	4	2	2
12	2	2	2	2	2	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
13	4	4	4	4	3	3	2	2	3	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	3
14	2	2	2	2	2	2	2	3	3	3	3	4	4	5	5	6	4	3	4	4	5	3	6	6	3
15	2	2	2	2	***	***	***	***	***	2	5	7	10	9	9	8	8	8	8	8	9	6	6	6	5
16	5	4	4	5	4	3	3	2	2	2	3	4	4	5	6	6	6	6	6	4	4	4	4	3	7
17	7	4	5	6	5	6	7	7	11	12	12	8	6	9	7	5	7	8	8	6	4	5	3	10	5
18	3	3	3	3	5	6	3	3	7	7	6	6	7	5	4	4	4	3	2	2	2	2	2	2	3
19	7	3	3	3	3	3	3	3	3	2	6	12	6	2	3	3	3	3	3	2	2	2	2	2	5
20	3	3	2	3	9	5	6	6	5	4	2	2	3	2	3	3	4	5	6	8	10	6	6	6	5
21	7	13	9	10	4	6	10	10	4	4	3	3	3	3	3	3	3	4	5	6	5	4	4	3	5
22	3	2	2	2	3	3	3	4	5	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	3
23	2	2	2	2	5	8	6	6	7	7	6	8	15	11	18	21	10	4	4	5	4	5	4	5	4
24	4	5	4	4	5	6	6	6	6	4	4	2	2	11	2	2	2	2	2	3	10	10	8	11	4
25	3	4	5	2	2	4	5	5	4	4	4	3	3	3	2	2	2	2	2	4	3	1	1	2	2
26	11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	4	5	4	3	3	2	2	2	5	4	4	6	6	6	6	4	9	4	2	6
28	2	2	2	2	2	2	2	2	2	3	3	5	3	2	2	2	3	4	7	6	5	5	6	8	6
29	4	8	8	10	12	10	8	5	6	6	7	6	6	6	4	4	4	6	8	8	5	5	6	8	6
30	4	8	8	12	8	8	8	5	6	6	7	6	6	6	4	4	4	6	8	8	5	5	6	8	6
MEAN	4	4	4	4	4	4	5	5	5	4	4	5	4	4	4	4	4	4	5	4	5	4	4	4	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	9	9	4	6	5	5	6	6	5	5	3	3	4	7	2	2	3	4	5	3	2	3	4	2	4	
2	3	3	3	4	5	6	7	5	6	6	5	4	3	3	2	2	4	5	3	3	2	2	2	2	4	
3	2	2	5	4	3	3	7	5	3	3	3	2	3	2	2	2	2	2	2	2	4	6	6	6	3	
4	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	7	4	5	6	
5	4	5	4	5	7	10	16	22	18	8	5	5	5	5	12	12	8	4	4	3	3	3	3	3	6	
6	6	5	6	5	4	9	6	6	9	9	6	4	6	4	3	8	5	5	9	9	12	9	11	10	9	
7	4	7	7	8	8	9	11	10	9	5	6	6	6	9	8	7	7	10	15	12	4	4	10	4	5	
8	7	7	7	7	6	6	8	10	8	14	11	7	6	8	8	6	5	5	4	4	2	2	2	2	7	
9	4	3	6	8	5	6	8	8	7	7	7	8	9	6	4	2	3	4	5	3	4	4	5	4	3	
10	2	3	3	3	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	3	2	4	5	4	3	
11	3	3	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	
12	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
13	3	3	3	3	3	2	3	4	5	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	
14	1	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
16	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
17	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
18	3	3	2	3	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	4	3	3	3	2	3	
19	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
20	3	3	3	3	3	3	3	4	8	4	3	3	7	4	4	4	4	4	3	4	4	4	4	4	4	
21	4	4	4	4	4	4	4	4	4	5	5	5	3	3	3	3	3	3	3	3	2	3	3	3	4	
22	3	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	2	3	3	0	0	0	1	1	1	4	4	2	6	10	11	4	2	1	0	2	1	1	1	2	3	
MEAN	3	3	3	4	3	4	5	5	5	4	4	4	4	4	4	3	3	3	3	4	3	3	3	3	4	

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	2	1	0	0	0	0	0	1	1	1	0	1	2	1	7	4	6	6	4	2
2	1	2	2	1	1	1	1	1	2	2	2	4	6	2	1	2	4	3	1	0	0	0	0	0	2
3	1	0	0	0	1	2	2	3	4	2	3	4	2	2	4	3	2	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	0	1	1	4	3	3	4	2	1	1
5	2	2	2	1	1	1	2	1	2	8	3	1	1	1	1	2	2	2	3	2	1	1	2	1	2
6	0	0	0	0	0	1	2	0	2	8	13	18	6	10	5	4	1	0	1	1	2	3	2	1	1
7	7	0	0	0	0	0	1	1	4	1	1	2	0	0	1	1	2	4	2	2	1	1	1	1	1
8	2	3	2	3	2	2	2	1	3	0	0	0	2	7	6	4	5	7	12	12	10	6	4	5	4
9	2	2	4	8	10	20	17	16	13	21	20	12	21	9	9	4	13	6	2	1	1	0	0	1	9
10	0	1	0	0	0	0	0	2	4	9	0	0	0	0	0	0	0	1	1	2	0	5	5	2	1
11	4	8	4	12	11	4	8	7	4	3	1	3	4	6	3	6	3	1	2	0	2	1	1	1	4
12	0	0	0	1	4	2	1	2	0	0	0	0	0	1	0	1	1	1	1	2	2	1	0	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	2	0
16	1	2	1	1	1	1	1	1	1	0	0	0	0	2	6	0	0	1	0	0	0	0	0	0	1
17	0	0	0	0	0	0	1	1	1	2	1	2	4	3	4	3	3	4	5	6	6	6	5	5	3
18	7	5	4	4	2	4	4	3	4	3	4	4	3	4	5	2	2	8	3	3	4	4	5	3	4
19	2	2	2	3	4	4	4	5	4	3	3	3	3	3	3	3	3	4	3	3	2	3	2	2	3
20	4	6	3	8	8	30	12	24	3	10	2	3	4	3	4	3	1	2	1	2	3	11	7	2	7
21	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	2	1	3	12	8	4	1
22	4	0	2	0	4	4	4	4	3	4	4	4	5	2	2	2	1	2	2	0	0	0	0	0	2
23	0	0	0	0	0	0	2	2	2	2	2	2	2	4	3	3	4	5	6	4	4	4	5	3	7
24	6	10	11	12	11	12	9	10	8	8	7	6	5	5	5	6	3	4	3	3	2	3	3	2	7
25	2	3	4	3	4	4	5	4	6	5	6	4	3	3	3	3	4	5	5	4	3	5	4	3	5
26	4	3	3	4	4	4	4	5	5	5	6	6	4	4	3	3	4	3	3	3	2	2	2	4	8
27	3	3	4	10	14	14	17	10	16	12	8	13	10	12	8	10	7	4	4	5	5	4	4	4	8
28	4	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3
29	2	3	3	4	5	2	2	3	2	2	2	2	2	2	4	5	4	7	5	10	12	8	4	2	4
30	3	4	3	2	2	2	3	4	4	4	3	2	2	2	2	1	2	4	4	10	4	5	9	15	4
MEAN	2	2	2	3	3	4	4	4	4	5	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	11	4	2	2	2	11	27	12	27	18	12	12	12	12	12	23	9	6	4	4	4	4	4	11
2	8	3	1	1	1	1	1	2	2	7	4	3	2	2	1	1	1	1	2	4	3	3	3	3	2
3	1	10	5	3	9	5	3	8	11	7	6	6	8	11	20	9	8	4	4	3	3	2	2	2	6
4	2	2	2	2	4	3	2	2	2	2	2	2	2	2	7	7	6	5	4	6	5	6	6	4	6
5	6	8	12	16	12	12	17	28	13	14	11	4	2	2	2	2	2	4	5	2	2	2	2	2	8
6	1	1	1	0	0	2	2	2	2	2	2	3	7	9	8	6	6	6	8	8	8	8	11	12	5
7	14	13	12	11	12	6	4	9	11	11	9	7	7	7	8	6	8	10	8	5	6	6	10	12	9
8	13	20	14	5	5	6	7	7	2	2	6	6	6	9	10	12	7	4	6	10	4	4	6	7	7
9	9	9	11	14	8	8	12	12	13	12	8	10	9	6	6	4	3	2	2	2	2	2	2	3	7
10	3	3	3	3	14	13	13	15	15	15	14	8	12	8	5	5	5	5	5	4	3	3	3	3	8
11	3	3	3	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	4	4	6	6	6	7	7	8	8	7	7	8	8	6	6	6	11	7	9	8	8	7	7
14	8	8	6	8	11	14	12	16	19	17	12	6	3	5	13	4	11	6	12	8	7	7	6	7	9
15	6	6	6	6	9	8	14	18	17	11	7	9	13	12	7	6	7	6	5	5	5	5	4	8	8
16	3	4	4	4	6	7	4	4	6	20	21	26	27	29	32	14	12	10	7	6	8	6	17	17	12
17	7	7	6	8	13	9	10	14	13	8	5	5	5	10	14	15	11	14	12	10	14	12	9	8	10
18	5	4	6	7	6	5	6	12	12	16	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
19																									
20																									
21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2	0	0	0	0	0	0	0	0	0	0	0	*****
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	5	3	2	0	0	0	0	0	0	0	0	2	2	2	1	2	2	3	3	2	2	4	2	0	2
25	0	0	0	0	0	2	1	1	2	1	0	0	0	0	0	2	7	2	1	7	9	12	10	6	3
26	6	8	10	9	9	2	5	3	8	12	13	12	4	1	1	1	0	0	0	0	0	0	0	3	5
27	3	6	9	6	5	3	2	1	0	0	0	2	6	9	7	2	2	2	1	2	1	1	2	5	3
28	19	10	15	10	13	7	13	12	10	17	16	8	2	2	2	2	8	14	14	10	5	2	7	9	9
29	8	3	2	5	9	16	22	17	12	17	9	5	8	4	4	12	8	1	2	3	16	14	8	9	9
30	9	10	8	9	7	10	6	7	10	20	15	13	5	4	14	4	2	13	12	12	12	10	17	12	10
31	4	4	1	6	13	8	6	7	8	6	*****	9	7	6	5	5	5	5	6	5	5	5	5	5	6
MEAN	6	6	5	5	6	6	7	8	8	9	8	7	6	6	7	5	5	5	5	5	5	5	6	6	6

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - CITY HALL TORONTO

NO 31003

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7	14	29
FEB	28	7	25	41
MAR	21	5	7	17
APR	28	5	11	30
MAY	31	7	16	30
JUN	27	4	10	18
JUL	17	5	9	32
AUG	31	4	10	46
SEP	30	4	7	21
OCT	29	4	9	22
NOV	30	3	9	30
DEC	29	6	12	32
YEAR	332	5	25	46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - CITY HALL TORONTO

NO 31003

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	217	367	90	59	2	0	735
FEB	286	265	59	38	15	2	665
MAR	244	202	5	1	0	0	452
APR	362	201	36	19	1	0	619
MAY	239	397	47	46	4	0	733
JUN	411	145	34	4	0	0	594
JUL	253	108	9	11	1	0	382
AUG	459	223	18	6	2	1	709
SEP	483	201	16	5	0	0	705
OCT	516	121	11	4	0	0	652
NOV	585	97	21	12	1	0	716
DEC	311	229	88	32	7	0	667
YEAR	4366	2556	434	237	33	3	7629

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	0	0.9	2.1	3.5	5.5	9.8	12.7	16.8	20.6	46	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	11	12	10	8	7	5	4	5	4	5	4	4	3	5	5	4	5	5	6	6	5	6
2	6	6	8	6	8	8	8	12	18	22	****	18	18	14	13	10	8	10	12	14	12	14	13	12	12
3	8	7	6	6	6	5	5	4	5	4	4	4	5	5	5	5	7	8	8	8	8	8	12	14	7
4	12	14	16	15	14	12	12	14	14	18	18	20	16	14	12	14	13	20	18	14	13	12	10	10	14
5	12	12	14	13	16	18	14	16	18	20	23	20	18	13	14	15	17	16	16	15	16	18	18	18	16
6	14	11	11	10	10	8	8	8	8	6	8	8	7	5	8	7	9	10	9	10	12	13	12	10	9
7	10	11	12	13	10	8	8	8	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9	15	6	5	5	6	8	5	8	8	8	9	8	13	13	13	14	16	14	18	18	18	16	14	16	****
10	15	6	5	5	6	8	5	8	8	8	9	8	6	4	4	4	4	6	6	6	7	8	10	14	7
11	16	12	15	18	14	14	13	14	12	14	16	12	14	14	11	9	10	11	10	12	16	14	14	10	13
12	9	4	2	3	4	5	6	6	6	6	8	6	6	6	8	11	13	12	17	18	18	16	16	14	9
13	14	16	14	15	14	12	13	14	16	14	12	11	5	6	6	5	5	6	8	6	6	5	4	4	10
14	5	6	10	10	8	6	6	8	7	7	6	5	5	5	5	4	4	6	8	8	10	10	10	12	7
15	8	6	6	6	8	8	8	9	10	12	10	6	4	4	4	3	3	3	4	3	3	3	3	3	6
16	3	4	7	8	8	8	7	10	13	12	7	11	10	8	8	6	5	5	6	8	10	7	7	6	8
17	7	8	8	8	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	4
18	2	2	2	3	3	3	4	4	4	4	5	4	3	3	3	3	3	4	4	6	7	8	10	8	4
19	8	10	8	8	8	6	5	6	6	5	5	5	6	6	11	12	10	12	14	14	13	14	15	16	9
20	15	17	16	16	14	16	20	18	15	15	14	20	18	20	20	28	21	12	8	7	8	9	8	8	15
21	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	9	10	11	13	16	17	15	14	9
22	12	10	10	10	10	11	14	20	26	20	17	9	6	4	8	10	6	6	6	5	5	7	6	6	10
23	5	6	10	12	10	14	16	12	15	14	15	13	8	6	4	4	2	2	2	3	2	2	2	2	8
24	2	4	5	6	10	14	16	20	25	10	14	14	7	5	8	9	15	16	14	8	8	10	10	11	11
25	16	18	18	21	19	15	10	8	8	5	5	5	4	4	4	4	4	2	2	2	2	2	3	4	8
26	4	5	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	5	5	5	5	4	5
27	4	3	4	6	6	7	6	5	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
31	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	9	9	9	10	9	9	9	10	11	10	10	10	8	8	8	8	8	8	9	9	9	9	9	9	9

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
2	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	2	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 34

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	0	0	0	0	0	0	4	7	7	-	DATA MISSING	-	-	9	9	9	9	8	7	8	8	8	6
2	7	6	6	6	6	6	6	5	****	****	4	6	6	7	8	8	8	8	7	7	6	6	5	5	6
3	5	5	5	5	5	6	6	7	6	7	8	8	8	9	8	8	7	8	8	7	6	6	6	5	7
4	6	6	5	5	5	4	4	5	6	6	7	8	6	****	****	****	****	****	****	****	****	****	****	****	****
5													DATA MISSING	-	-										
6													DATA MISSING	-	-										
7													DATA MISSING	-	-										
8													DATA MISSING	-	-										
9													DATA MISSING	-	-										
10													DATA MISSING	-	-										
11													DATA MISSING	-	-										
12													DATA MISSING	-	-										
13													DATA MISSING	-	-										
14													DATA MISSING	-	-										
15													DATA MISSING	-	-										
16													DATA MISSING	-	-										
17													DATA MISSING	-	-										
18													DATA MISSING	-	-										
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	1	1	1	1	3	****
20	5	5	4	4	2	2	3	3	3	2	2	2	3	3	2	0	1	1	1	2	1	1	1	1	2
21	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	6	6	5	3
22	5	5	4	4	4	5	6	6	6	7	6	7	7	7	8	11	7	6	6	6	6	8	11	11	7
23	9	8	6	6	6	13	12	10	10	12	11	9	8	0	0	0	****	****	0	0	0	0	0	0	5
24	0	0	1	0	0	0	1	1	1	1	1	3	6	3	2	1	0	1	0	1	1	1	1	0	1
25	5	4	2	2	3	4	4	3	2	3	3	2	2	3	1	1	0	0	0	0	1	1	1	0	2
26	1	1	1	1	2	3	4	4	4	4	0	1	1	1	1	1	0	0	1	1	1	2	3	3	1
27	1	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	3	3	3
28	3	3	2	2	2	2	3	3	4	3	4	5	3	4	3	3	3	4	3	3	3	5	4	4	3
29	4	3	2	2	1	2	3	3	4	3	3	3	3	1	0	****	****	****	****	****	****	****	****	****	****
30	6	4	4	3	3	3	2	3	4	3	3	3	3	1	0	****	****	****	****	****	****	****	****	****	****
MEAN	4	4	3	3	3	4	4	4	4	4	4	5	4	4	3	4	3	3	4	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 47

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	0	****	****	****	0	0	0	****	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
2	****	****	****	****	****	****	****	0	0	0	****	0	0	0	0	0	0	1	1	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	2	1
4	0	0	0	0	0	1	1	2	3	4	1	1	1	0	1	1	0	0	1	1	1	1	0	0	1
5	1	1	2	2	1	1	1	1	1	1	2	3	2	3	3	2	2	****	2	2	2	2	2	5	2
6	0	1	1	1	1	0	1	5	5	2	4	1	9	9	6	2	4	1	1	1	2	0	1	1	3
7	5	4	4	2	3	3	5	6	5	5	5	9	8	4	6	5	3	2	****	****	****	****	0	0	3
8	1	1	2	2	1	2	2	3	4	5	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	5	3	3	2	2	2	2	2	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	3	2	2	2	2	2	1
11	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	****	16	2	2	1	1	1	1	1	1	1	2
14	1	1	2	1	1	1	1	1	2	2	2	3	5	4	3	2	4	4	4	4	4	9	7	8	3
15	6	5	5	5	5	4	5	5	6	6	7	8	8	8	8	8	18	11	7	6	5	7	8	7	7
16	6	6	8	8	9	7	8	8	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	6	5
17	5	6	6	5	6	6	9	9	6	7	6	7	6	6	3	1	7	3	2	1	1	1	1	1	1
18	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	2	4	2	2	2	4	3	3	3	2	3	3	1	2
21	1	1	1	1	1	1	1	1	5	3	2	2	1	2	1	3	2	1	1	1	1	1	1	1	2
22	2	2	2	2	2	3	4	6	5	3	3	2	1	2	1	2	2	1	1	1	1	1	1	1	2
23	2	2	2	2	2	3	4	6	5	3	3	5	4	4	3	3	2	2	2	3	5	4	4	7	3
24	4	3	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	3	2	2	1	2	1	2
25	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1
26	0	1	2	1	1	1	1	1	3	2	2	2	1	1	2	2	2	2	2	2	4	3	4	5	3
27	5	4	4	2	2	2	2	2	3	4	3	2	3	3	4	4	4	4	4	4	4	4	4	6	5
28	5	3	2	3	3	2	3	4	5	4	5	4	5	5	9	11	6	5	5	5	4	4	2	2	5
29	7	4	3	3	4	4	4	5	8	7	5	6	6	5	7	5	5	4	4	4	4	3	3	3	3
30	3	2	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	3	3	3	3	3
31	3	3	3	3	4	4	3	4	4	4	4	4	4	5	5	5	5	4	4	4	5	4	4	5	4
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2	3	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	4	4	5	5	5	4	4	4	5	8	8	6	5	5	4	4	4	4	3	3	5
2	3	2	2	2	2	2	2	2	2	2	2	6	4	3	4	4	3	3	3	3	2	3	4	4	3
3	4	4	4	4	4	3	3	3	3	3	2	3	3	4	4	4	4	3	3	3	2	2	2	2	3
4	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
5	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	5	5	4	4	4	4	4	4	5	4
6	4	4	4	4	4	4	4	5	4	4	4	5	5	8	6	5	5	5	5	4	6	5	6	5	5
7	5	4	4	4	4	4	4	5	4	4	4	4	4	4	3	2	2	1	1	1	1	1	1	2	3
8	1	2	1	2	1	1	2	2	2	2	3	5	4	4	5	5	6	6	6	6	6	6	6	6	4
9	6	5	5	6	6	6	6	6	5	5	5	6	7	9	9	9	10	11	12	13	13	13	12	12	8
10	13	12	12	12	12	12	13	11	9	8	8	8	9	7	4	4	4	4	4	4	4	4	4	4	8
11	4	4	4	4	4	4	4	4	5	4	4	5	5	5	****	****	****	****	****	****	****	****	****	****	****
12																									
13																									
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	4	4	3	5	4	5	6	4	7	7	6	7	6	5	6	6	6	5	10	6	7	8	8	6	6
16	5	4	4	4	5	5	7	7	7	6	7	7	8	7	6	6	6	5	5	5	6	6	7	6	6
17	5	4	4	4	3	3	4	5	4	5	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	9	7	6	5	4	3	4	5	3	3	4	5	6	7	1	1	1	1	1	2	1	1	1	2	3
19	1	2	2	2	1	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	2	2
20	2	2	4	4	4	4	4	5	4	5	5	6	6	5	5	4	4	3	2	2	2	2	2	2	4
21	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	3	3	2	2	2	1	2	2	2	2
22	2	2	2	1	1	1	2	1	2	2	2	2	1	2	0	****	1	2	2	2	2	2	2	1	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
24	2	2	1	2	2	2	3	4	3	2	4	4	4	5	9	5	4	3	4	6	3	2	2	2	3
25	****	****	2	2	2	2	5	8	10	7	7	18	21	9	10	22	28	24	1	2	0	0	0	0	8
26	3	2	2	1	2	1	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
27																									
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	0	0	0	0	0	0	0	0	****
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0
30	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
31	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	1	1	2	2	2	2	2	2	2
MEAN	3	3	3	3	3	3	4	4	4	3	4	4	5	4	4	5	5	4	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	3	3	3	****
2	****	****	****	****	****	****	****	****	****	****	****	****	- DATA MISSING -	0	0	1	1	1	1	1	1	1	1	1	****
3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	4	5	3	2	2	2	2	2
4	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
6													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
7													- DATA MISSING -	0	0	0	0	1	1	1	1	1	1	1	****
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
9	2	2	2	2	2	2	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
11													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
12													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
13													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
14													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
15													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
16													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
17													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
18													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
19													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
20													- DATA MISSING -	0	0	0	0	0	1	1	1	1	1	1	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	****	****	0	0	0	0	****
22	0	0	0	0	0	0	0	0	2	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
25	2	2	2	2	2	2	2	3	3	4	3	2	1	2	2	2	2	2	2	2	2	1	1	1	2
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	3	2	3	5	5	5	2	****	2
30	2	2	4	4	4	5	4	4	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
MEAN	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1

PERCENTAGE OF DATA VALID - 44

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	2	****	0	1	1	2	3	4	4	6	5	5	****
2	7	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	3	3	3	4	3	3	3	4	4
3	3	3	2	2	2	3	3	3	3	4	3	4	3	4	4	3	2	2	2	2	2	1	1	1	3
4	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1	1	0	0	0	1	1	1	1	2	1
5	2	3	5	8	9	11	12	12	9	5	4	3	4	6	9	4	5	6	10	6	8	2	3	4	6
6	4	4	4	4	4	4	5	5	5	4	5	7	8	8	8	9	8	7	8	8	9	10	11	7	7
7	11	10	11	11	12	11	13	15	18	20	19	21	26	27	32	31	32	35	39	40	48	51	59	81	28
8	100	68	46	42	44	45	50	112	80	108	111	123	120	95	17	18	15	13	10	3	4	3	4	4	51
9	4	7	10	20	15	1	2	2	6	15	24	38	32	5	4	3	4	6	10	17	27	11	2	2	11
10	3	5	6	8	****	****	****	****	****	****	****	****	2	4	4	2	1	2	2	2	3	5	9	26	33
11	2	2	2	4	3	****	****	****	****	3	2	1	2	2	1	2	2	3	2	2	2	2	2	2	2
12	2	2	2	3	3	3	4	4	4	5	4	4	5	7	9	****	****	****	****	****	2	2	2	2	4
13	2	2	3	4	4	5	****	****	****	****	6	4	4	5	5	6	7	6	6	6	8	11	18	31	7
14	****	****	****	****	****	****	****	****	****	****	8	9	8	15	18	11	10	6	9	9	9	10	11	****	7
15	****	****	****	****	****	****	****	****	11	10	10	9	11	6	1	3	3	3	4	4	4	4	3	2	6
16	2	2	3	3	3	2	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	3	3	3	4	4	6	15	14	13	13	13	13	14	12	13	9	7
18	6	5	5	5	4	4	4	4	5	5	5	5	5	4	7	7	8	9	8	8	8	8	8	8	6
19	9	9	11	11	11	11	12	12	12	11	13	14	14	12	11	11	11	13	12	11	10	10	10	10	11
20	10	10	11	10	11	11	12	13	13	13	14	16	16	15	15	15	15	15	16	16	16	18	18	16	14
21	15	17	16	16	19	20	20	20	18	17	16	16	19	18	18	21	23	21	21	20	20	19	18	18	19
22	19	18	17	17	17	17	17	18	19	21	20	20	20	22	10	****	****	****	****	****	****	****	****	****	****
23																									
24	1	1	1	****	0	****	1	1	0	25	5	9	8	7	4	1	1	1	2	4	4	2	4	2	4
25	3	2	5	8	9	10	9	8	12	11	10	11	13	13	14	14	14	12	13	20	23	32	38	47	15
26																									
27																									
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	3	3	3	2	2	2	2	3	3	****
31	2	2	2	2	4	4	3	3	4	4	4	4	3	2	3	2	1	1	2	1	1	1	1	1	2
MEAN	10	8	8	9	9	9	9	13	12	14	13	14	14	12	8	8	8	8	8	9	9	9	11	12	10

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - LESLIE ST TORONTO

NO 31016

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	9	16	28
FEB	16	1	2	4
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	16	4	7	13
JUL	31	3	7	18
AUG	28	4	8	28
SEP	17	1	2	5
OCT	29	6	11	26
NOV	18	5	9	17
DEC	26	10	51	123
YEAR	207	5	51	123

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - LESLIE ST TORONTO

NO 31016

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	113	273	110	85	2	0	583
FEB	231	0	0	0	0	0	231
MAR		DATA MISSING					
APR		DATA MISSING					
MAY		DATA MISSING					
JUN	223	114	7	0	0	0	344
JUL	594	113	2	2	0	0	711
AUG	441	145	15	4	1	0	606
SEP	312	5	0	0	0	0	317
OCT	229	405	23	9	1	0	667
NOV	119	207	14	4	0	0	344
DEC	253	127	62	71	15	20	548
YEAR	2515	1389	233	175	19	20	4351

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
66	0	0.5	1.4	3.2	5.3	10.2	13.9	18.4	23.4	123	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	10	10	10	10	10	12	13	12	12	10	9	7	7	5	2	3	4	4	8	9	10	7	7	8
2	9	10	9	9	10	13	12	15	***	29	18	11	9	10	9	6	12	13	20	17	20	17	15	15	13
3	14	12	12	12	11	10	8	10	10	10	8	6	6	4	5	7	10	11	12	15	19	22	15	9	11
4	12	14	10	10	10	9	9	10	13	13	14	11	6	6	8	8	10	12	10	8	8	8	9	9	10
5	7	9	13	11	18	17	10	12	16	13	10	9	9	7	4	3	3	4	4	6	6	6	4	2	8
6	***	***	***	***	***	***	***	***	***	***	15	16	16	15	12	11	10	11	10	11	12	12	12	12	***
7	13	16	17	17	15	13	13	13	17	11	8	9	8	7	6	7	9	14	12	12	9	12	11	10	12
8	10	10	11	13	10	14	13	7	9	8	7	8	8	10	10	10	10	10	11	10	11	9	8	10	
9	4	1	1	1	1	5	5	3	3	3	2	2	0	0	0	0	0	0	0	0	1	2	3	4	2
10	4	3	2	4	5	3	2	2	2	3	3	4	5	5	4	3	5	4	4	6	7	11	13	11	5
11	4	2	1	0	1	2	3	3	3	3	2	2	2	***	9	17	14	10	17	10	8	10	9	5	6
12	3	6	4	2	3	1	1	5	8	3	3	4	4	4	3	5	8	8	9	3	3	4	4	7	4
13	9	16	16	14	14	9	10	5	10	9	7	4	4	9	4	3	3	6	3	6	6	10	12	15	9
14	11	11	10	14	15	14	12	15	16	15	***	12	8	12	7	4	2	2	4	10	5	6	4	4	9
15	11	14	14	14	12	13	16	18	18	24	16	12	15	17	17	15	11	9	8	6	7	5	4	4	13
16	7	8	8	8	4	2	4	4	2	2	1	1	1	1	1	1	1	1	1	1	0	2	3	3	3
17	2	2	2	2	2	1	3	3	3	4	4	4	3	2	1	0	1	0	1	3	5	8	8	9	3
18	10	13	9	10	12	12	10	9	10	9	9	10	8	9	10	9	6	4	6	7	6	7	6	9	6
19	6	7	5	4	7	9	8	7	10	9	7	7	16	8	8	2	5	4	2	1	3	4	7	7	6
20	5	3	4	2	4	3	4	5	5	4	2	1	1	1	0	2	4	2	2	8	12	16	10	12	5
21	13	6	7	5	5	5	4	6	10	9	5	1	2	3	4	***	24	25	14	14	11	10	8	7	9
22	***	***	***	***	***	***	***	***	***	***	***	***	8	8	6	4	2	2	2	3	5	5	5	4	***
23	6	8	9	8	10	13	12	21	20	14	14	16	28	14	10	10	10	12	9	6	7	10	9	10	12
24	15	17	16	16	15	20	13	13	12	14	14	11	8	8	6	5	4	4	4	4	4	3	4	8	10
25	8	8	8	8	8	8	9	10	9	8	8	8	7	6	5	4	3	3	3	3	5	4	6	6	6
26	9	11	11	9	8	8	10	10	8	9	8	11	11	11	11	10	9	10	11	12	11	10	10	10	10
27	8	8	9	8	8	7	10	9	9	10	***	14	13	8	7	10	22	20	16	20	13	8	***	10	11
28	8	8	9	8	8	6	6	8	8	9	9	10	10	9	8	8	7	7	6	5	4	4	***	7	7
29	11	9	7	6	6	6	6	8	8	9	9	10	10	9	8	8	7	7	6	5	4	5	4	4	4
30	3	3	2	2	2	2	1	1	3	2	***	***	9	8	5	4	6	8	8	5	4	5	4	5	4
31	4	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	8	9	8	8	8	8	8	9	9	10	8	8	8	7	6	6	7	8	7	8	8	8	8	8	8

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING	-											
2													- DATA MISSING	-											
3													- DATA MISSING	-											
4													- DATA MISSING	-											
5													- DATA MISSING	-											
6													- DATA MISSING	-											
7													- DATA MISSING	-											
8													- DATA MISSING	-											
9		2	2	2	2	3	2	2	2	3	****	4	6	5	4		4	4	3	3	4	5	5	10	4
10	14	12	12	8	8	10	8	4	4	4	4	8	8	6	6	4	6	6	6	6	6	6	4	6	7
11	5	4	5	7	8	6	6	4	3	2	2	4	4	4	****	****	8	6	6	5	5	5	8	8	5
12	6	6	4	3	5	6	6	8	11	10	7	9	8	****	****	3	2	4	2	3	3	3	3	6	5
13	5	5	5	7	10	7	6	6	4	3	3	****	3	3	3	3	2	1	2	2	2	2	3	5	4
14	3	3	2	2	2	2	2	2	2	3	2	3	4	3	4	****	****	****	****	****	****	****	****	****	****
15													- DATA MISSING	-											
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	8	8	7	6	6	5	5	9	****
17	6	6	6	8	12	10	12	15	14	26	20	14	11	11	11	10	10	8	10	10	10	11	9	11	11
18	9	8	8	8	10	10	11	10	10	11	13	12	12	9	8	8	9	8	9	8	7	6	6	6	9
19	6	6	6	6	6	6	7	6	6	7	8	8	7	7	6	5	4	4	6	8	8	8	8	7	6
20	8	9	9	10	9	10	8	6	5	6	3	5	6	6	6	4	5	5	4	4	4	6	6	8	6
21	9	9	6	6	9	13	14	15	10	9	8	8	8	6	5	5	4	3	3	4	4	6	12	13	8
22	7	6	7	7	7	8	8	9	9	8	8	9	8	7	6	6	6	5	4	4	4	3	2	5	6
23	6	6	7	7	9	7	5	6	8	10	6	7	6	3	4	3	4	3	2	6	4	9	4	4	6
24	4	4	4	8	6	9	8	8	8	6	6	4	6	6	5	4	4	4	4	4	4	4	4	5	5
25	4	1	3	2	2	1	1	2	5	4	5	4	3	3	2	2	3	2	5	2	2	1	1	2	3
26	6	5	4	8	7	9	8	6	7	10	11	11	16	12	10	15	8	12	6	5	8	4	6	6	8
27	6	4	5	8	10	8	4	4	6	4	6	10	4	4	2	3	4	2	2	2	2	4	6	6	5
28	5	7	6	7	8	5	10	10	10	7	6	5	4	4	4	2	1	1	3	4	7	7	8	10	6
MEAN	6	6	6	6	7	7	7	7	7	7	7	7	7	6	5	5	5	5	5	5	5	5	6	7	6

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	10	12	13	15	12	14	14	8	12	6	6	4	4	2	2	1	1	2	3	3	6	8
2	6	10	6	6	6	6	7	7	7	5	4	4	3	3	3	2	2	2	2	2	2	2	2	4	4
3	3	2	5	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	6	8	11	9	9	10	10	9	7	7	9	8	6	7
7	4	6	5	4	4	5	4	6	6	7	8	6	7	7	8	7	5	7	6	4	2	2	****	****	5
8	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	9	7	4	4	4	3	2	2	2	4	6	9	7	7	8
10	6	6	6	4	6	6	5	4	5	7	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	3	2	2	3	4	7	9	****
12	8	7	9	9	9	5	****	****	****	****	****	****	****	****	****	16	9	12	12	12	11	10	9	10	****
13	10	10	9	9	10	10	9	10	10	9	6	7	7	4	4	16	9	12	12	12	11	10	9	10	****
14	4	4	4	6	6	7	7	5	4	4	4	3	3	3	3	3	2	2	2	3	3	4	4	7	4
15	5	6	5	8	7	8	7	7	6	5	5	4	4	4	3	3	2	3	3	3	3	3	3	5	5
16	4	4	5	4	6	7	5	4	4	4	3	2	4	3	2	2	3	3	4	3	2	4	4	4	4
17	6	10	7	6	6	8	8	9	8	9	7	7	8	8	12	5	2	3	4	5	5	6	11	16	7
18	18	18	19	20	20	12	13	16	13	8	7	7	7	7	5	4	6	5	4	6	4	4	6	8	10
19	7	8	7	8	7	7	8	8	9	7	7	13	14	15	18	10	7	5	6	10	10	8	6	9	9
20	****	****	****	****	****	****	****	****	****	****	4	4	4	5	8	6	8	8	7	5	6	5	5	6	****
21	5	4	5	6	6	5	4	4	4	4	4	4	5	4	4	4	3	****	****	****	****	****	****	****	4
22	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	9	8	9	7	8	5	4	4	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	****	8	9	7	8	5	4	4	****	****	****	****	****
27	4	4	4	5	5	5	5	6	6	3	4	****	****	****	****	****	10	9	8	7	6	5	5	5	6
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	****	****	****	****	****	****	****	****
31	****	****	****	****	****	****	****	****	****	****	9	11	9	7	10	11	7	6	5	0	0	0	0	0	****
MEAN	7	7	7	7	8	7	7	8	7	7	6	6	6	6	6	6	5	5	5	5	5	5	5	7	6

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	2	2	2	2	2	2	8	12	6	12	****	4	4	4	2	****	****	****	****	****	4
2	DATA MISSING	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	4	****
3	4	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3
4	4	4	4	5	3	3	3	3	2	2	2	2	6	4	5	6	4	4	4	4	4	4	4	6	4
5	4	4	4	5	5	6	6	11	15	14	12	14	17	15	5	4	4	5	5	6	5	5	4	6	8
6	6	6	5	5	5	4	4	3	3	4	4	4	3	3	2	1	2	2	2	3	4	5	6	7	4
7	6	7	6	7	9	9	17	13	7	8	7	7	11	11	12	13	11	7	7	7	5	5	6	11	9
8	9	7	7	8	8	7	5	5	4	5	5	5	5	3	2	2	1	1	2	1	1	1	0	1	4
9	1	1	1	4	3	3	3	3	2	1	****	****	3	3	2	2	2	1	1	2	2	2	2	3	2
10	3	3	3	4	4	4	3	3	3	2	2	3	3	3	2	3	3	4	4	4	5	****	****	****	3
11	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	3	4	4	4	4	3	4	6	7	****
12	6	6	7	8	5	5	5	3	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	4	3
13	4	4	4	4	4	4	4	4	4	****	8	****	5	10	4	2	5	6	6	8	4	3	3	4	5
14	4	6	9	8	10	9	10	9	7	5	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
15	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
16	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
17	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
18	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
19	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
20	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
21	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
22	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
23	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
24	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
25	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
26	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
27	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
28	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
29	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
30	DATA MISSING	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	3	5	13	14	13	****	****	7
MEAN	5	4	4	5	4	4	5	5	5	6	5	6	5	5	5	4	4	4	4	5	4	5	5	6	5

PERCENTAGE OF DATA VALID - 83

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	13	9	8	7	10	14	14	13	15	14	12	18	20	18	18	13	12	12	8	6	6	6	6	12
2	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	2	2	2	2	2	2	2	2	2	6	4	4	4	4	4	4	4	7	12	12	11	6	7	6	5
4	6	5	6	6	8	9	7	14	12	10	12	13	15	16	19	16	12	11	7	4	4	4	4	4	9
5	3	3	3	4	4	7	10	8	8	10	11	10	6	7	12	4	4	3	2	2	2	2	2	3	5
6	3	3	3	2	2	2	2	2	3	2	2	3	2	2	2	3	3	3	3	3	3	4	4	3	3
7	3	4	4	4	4	6	6	6	4	14	9	8	8	10	14	6	6	10	13	9	8	7	9	5	7
8	9	8	8	9	7	10	16	14	13	9	10	11	14	16	23	15	11	14	12	13	13	12	11	12	12
9	15	12	12	10	8	8	6	6	5	4	4	6	4	4	4	4	4	3	4	4	4	4	4	4	6
10	4	3	4	4	4	6	7	8	14	13	11	16	8	16	14	14	12	11	15	9	6	8	6	7	9
11	6	7	6	5	9	8	7	6	8	4	4	6	8	15	8	6	4	4	4	3	4	4	3	4	6
12	4	4	2	2	2	2	2	3	2	2	3	3	4	4	3	2	2	2	2	3	4	3	3	3	3
13	4	4	5	6	9	11	14	13	9	6	7	10	14	12	8	6	4	4	4	4	4	3	4	6	7
14	4	4	4	5	5	5	5	4	5	4	3	2	24	30	14	19	3	3	3	4	4	3	2	4	7
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	4	3
16	9	4	5	5	6	5	4	4	5	6	6	8	6	4	3	3	3	7	8	9	4	3	4	5	8
17	6	6	4	5	6	11	5	5	4	4	4	4	3	6	6	3	3	3	2	2	2	3	3	4	4
18	4	4	3	4	4	5	6	7	6	8	8	9	8	6	13	15	15	16	15	14	9	6	9	10	9
19	9	8	10	9	16	19	15	16	13	14	16	17	16	14	12	6	6	6	6	5	4	4	4	4	10
20	4	4	4	5	4	5	5	4	4	4	3	5	7	12	9	4	5	4	5	3	5	6	7	8	5
21	6	4	7	7	6	5	5	5	5	4	5	14	20	13	8	15	15	18	18	16	18	12	12	12	10
22													- DATA MISSING	-	-										
23													- DATA MISSING	-	-										
24	3	4	3	3	5	6	5	3	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3
25	3	3	3	3	3	4	5	9	9	17	14	19	18	22	20	16	17	9	7	7	5	4	3	3	9
26	2	2	2	2	2	4	6	10	13	15	17	14	5	4	2	2	2	1	1	1	1	1	1	2	5
27	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	1	1	0	0	1	0	2	2	3	1
28	2	2	2	2	3	4	5	4	3	2	2	3	2	3	4	4	3	2	2	2	2	2	2	2	3
29	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	2	2	2	2	3	2
30	3	4	6	5	3	5	8	7	6	6	6	5	6	6	6	6	5	4	6	7	7	7	8	8	6
31	7	9	4	4	6	8	6	8	6	9	12	12	12	10	10	9	9	5	13	2	2	4	2	2	7
MEAN	5	5	5	5	5	6	6	7	6	7	7	8	8	9	9	8	6	6	7	5	5	4	5	5	6

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	5	6	6	8	11	8	5	7	4	2	3	5	7	4	****
2	4	5	3	2	1	2	2	4	9	17	12	14	13	12	****	14	8	10	12	5	4	2	1	1	7
3	0	0	0	0	0	1	0	0	0	0	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	4	8	3	3	3	5	5	3	3	2	2	2	3	4	2	1	7	6	3
5	5	4	6	3	3	5	6	3	8	13	12	11	9	6	6	3	2	3	4	3	2	2	1	****	5
6																									
7	****	****	****	****	****	****	****	****	****	****	****	10	7	9	14	17	12	12	10	14	16	10	6	****	
8	8	8	9	9	8	7	10	16	12	12	10	11	11	10	9	10	13	6	5	4	4	4	5	9	
9	9	11	7	7	5	8	6	6	5	5	6	8	10	9	7	11	17	19	12	9	9	10	8	7	9
10	6	6	7	6	6	18	14	17	16	16	19	15	16	11	14	11	15	10	9	8	9	10	8	7	11
11	8	8	7	7	7	8	9	11	15	13	14	12	14	8	7	7	7	7	7	7	6	6	6	5	9
12	5	5	5	5	4	4	4	5	5	5	5	****	****	6	6	5	6	4	4	4	4	3	2	3	5
13	3	3	4	4	4	4	4	3	3	3	4	5	4	4	4	4	4	4	4	4	4	5	3	3	4
14	3	3	2	2	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4	3	4	****	****	3
15	****	****	****	****	****	****	****	****	****	****	9	9	8	6	5	5	5	6	6	6	7	7	6	4	****
16	4	7	5	4	4	4	6	5	5	5	6	7	8	8	5	7	6	6	6	6	6	6	7	6	6
17	5	5	5	5	6	9	10	12	14	15	14	9	10	10	10	11	14	11	8	9	9	7	7	9	9
18	8	9	12	10	8	8	8	7	8	8	9	12	16	13	8	7	6	6	6	5	5	5	4	5	8
19	5	4	4	4	4	4	3	3	4	3	4	4	4	4	3	3	2	2	3	3	3	3	3	3	3
20	3	3	2	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	5	3
21	5	4	4	4	4	6	4	4	4	4	4	4	5	4	4	4	3	4	4	5	6	6	6	7	5
22	5	5	5	5	3	3	3	3	3	6	12	16	16	19	15	12	12	12	15	12	5	4	4	4	8
23	4	4	4	4	6	7	8	5	12	14	15	14	11	11	7	7	7	9	13	13	12	7	6	11	9
24	11	8	9	7	7	13	15	18	21	16	14	19	15	18	20	12	7	8	8	6	6	3	2	5	11
25	8	5	3	3	3	3	3	3	2	3	3	9	9	8	8	6	6	6	4	4	7	7	4	3	5
26	4	2	2	3	3	3	2	2	2	2	4	4	4	4	4	4	4	3	3	3	3	3	2	2	3
27	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	3	2
28	6	4	4	4	4	5	5	5	5	6	11	14	8	6	11	14	13	16	13	10	8	8	4	6	8
29	8	5	7	7	5	3	6	10	15	15	17	17	18	12	6	8	8	13	13	5	5	7	7	7	9
30	6	5	3	3	3	3	3	3	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4
MEAN	5	5	5	4	4	5	6	6	7	8	8	9	9	8	7	7	7	7	7	6	5	5	5	5	6

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	5	5	5	8	8	7	6	6	7	7	6	6	6	4	4	3	3	3	4	5
2	4	4	3	4	4	4	4	6	6	8	9	9	7	8	6	6	6	7	6	4	7	6	5	5	6
3	6	6	6	6	5	5	5	13	16	14	20	18	20	16	28	34	25	10	8	11	11	8	6	8	13
4	12	8	7	9	7	9	9	8	8	9	6	6	9	6	5	5	5	5	5	5	5	5	5	5	7
5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	5	5	4	1	2	4
6	3	3	3	3	2	2	2	1	***	***	***	***	***	***	***	1	13	10	11	14	9	3	2	1	5
7	1	1	0	0	0	0	0	1	2	7	7	11	17	9	12	14	12	8	10	10	7	3	3	8	6
8	18	13	14	17	16	10	12	13	13	13	15	16	13	10	13	13	8	8	8	6	6	4	3	2	11
9	4	3	5	6	4	3	3	5	6	5	7	5	39	6	4	4	4	2	3	2	2	2	2	1	5
10	2	1	1	1	1	1	2	2	0	0	1	6	6	18	15	8	5	5	7	12	5	6	4	3	5
11	3	3	3	3	1	1	1	1	1	1	1	1	2	2	2	2	4	6	4	1	0	0	0	0	2
12	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	1	0	2	8	11	9	10	6	***	***	***	5	5	5	5	5	1	1	1	0	4
14	1	1	1	0	5	5	9	11	5	6	13	13	13	11	17	15	14	12	9	8	7	4	4	4	9
15	9	7	6	6	4	4	4	3	1	1	1	1	2	2	2	1	1	1	2	2	1	1	1	1	2
16	5	5	4	4	4	4	4	3	1	1	1	1	2	2	2	1	1	1	2	2	1	1	1	1	2
17	3	5	5	6	7	3	4	5	13	13	4	12	12	8	10	9	9	13	14	4	4	3	2	2	7
18	2	2	2	3	3	3	1	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***
19	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
20	0	0	0	0	1	1	2	2	2	2	0	1	3	3	5	5	5	1	0	0	0	1	1	1	2
21	0	0	0	0	0	0	2	4	4	5	5	***	3	3	3	4	4	4	3	3	3	2	2	2	2
22	5	8	8	8	9	7	8	7	4	4	10	10	19	13	14	15	17	11	10	7	9	5	2	4	9
23	4	3	3	3	3	4	7	4	4	52	57	37	6	3	3	3	3	3	3	3	3	3	3	3	9
24	3	3	3	3	3	3	3	10	14	14	14	14	28	28	17	7	33	48	29	16	8	8	6	14	8
25	5	5	5	4	3	3	3	4	4	4	9	5	8	6	7	4	7	10	15	11	12	10	4	4	6
26	4	4	4	4	4	4	4	4	4	4	4	4	15	7	7	8	9	14	15	11	11	9	8	7	9
27	4	4	4	4	3	4	7	5	9	10	12	10	21	20	27	25	24	16	9	6	6	5	6	4	10
28	5	5	5	5	6	9	6	6	6	9	9	20	24	15	15	7	8	5	5	3	3	3	3	3	8
29	4	4	4	4	4	4	4	4	4	4	4	4	15	7	7	8	9	14	15	11	11	9	8	7	9
30	12	15	13	13	11	11	10	10	9	11	8	9	11	13	12	12	15	10	11	9	7	7	7	7	11
31	8	9	8	7	7	7	7	9	8	7	7	11	18	16	14	9	8	5	5	5	4	6	4	4	8
MEAN	4	4	4	4	4	4	4	5	6	8	10	9	11	9	10	9	9	8	8	7	6	4	4	4	6

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	4	4	4	4	4	4	4	4	6	11	11	10	6	6	5	4	4	4	4	3	3	5
2	1	3	3	3	2	2	2	2	1	1	1	1	3	4	4	3	3	2	2	2	2	2	2	4	2
3	6	7	6	4	4	4	4	4	3	3	3	2	4	5	5	5	4	4	3	3	2	2	1	1	4
4	4	5	5	4	4	4	3	2	2	1	1	1	3	3	3	5	10	4	4	3	2	2	2	2	3
5	3	0	1	0	1	2	1	1	1	1	3	4	5	5	6	7	12	2	1	1	0	1	1	1	3
6	1	0	0	0	0	2	1	0	0	1	3	4	5	3	1	6	5	4	3	3	3	3	3	3	3
7	3	3	3	2	3	4	3	4	4	5	4	4	3	4	6	3	7	1	1	1	0	0	0	0	3
8	0	0	3	2	2	2	3	3	3	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	7	10	10	11	11	11	11	7	5	4	3	3	4	6	5	4	3	3	1	1	0	0	5
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	1	1	2	3	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	0	0	0	0	1
18	0	1	4	4	4	4	4	13	13	5	4	2	1	1	1	1	2	1	2	2	4	5	***	4	
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	12	6	6	6	7	6	6	7	6	***
20	6	6	10	10	10	9	9	7	7	14	14	13	8	***	6	4	3	2	2	1	1	1	1	1	6
21	1	1	2	2	3	3	3	3	2	1	0	3	1	1	2	2	3	1	1	0	0	0	0	0	1
22	0	0	0	2	2	3	3	3	1	2	2	2	17	8	3	3	3	3	1	0	0	0	0	0	2
23	0	0	2	2	2	3	3	2	2	2	2	2	2	2	3	4	5	8	8	6	4	0	0	3	
24	0	1	1	1	2	3	3	3	3	3	1	2	1	4	3	9	12	9	5	4	5	4	0	4	
25	0	0	0	0	0	2	2	1	2	4	5	9	9	14	14	14	13	15	13	3	2	3	6	3	
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	4	3	2	2	3	2	1	1	4
27	0	1	1	1	1	0	1	0	0	0	0	0	2	1	29	35	18	2	6	1	4	1	2	1	
28	0	3	1	1	10	7	4	2	2	3	2	2	1	1	3	2	1	1	0	0	1	0	0	0	
29	0	0	3	4	5	6	6	8	8	8	7	7	8	8	26	17	11	9	7	8	9	9	8	8	
30	7	6	8	10	10	11	10	9	8	7	0	0	3	5	4	4	3	2	1	1	0	1	1	1	5
31	1	1	2	2	2	2	3	3	5	3	3	3	2	2	7	7	7	7	7	7	6	6	6	4	
MEAN	2	2	3	3	4	4	4	4	4	4	3	3	4	5	7	7	6	4	4	3	2	2	3	2	4

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	9	11	11	10	10	9	8	7	6	5	5	8	9	9	8	7	7	6	5	5	3	3	7
2	3	2	6	10	9	10	16	14	20	12	10	12	6	9	8	15	15	22	9	8	5	3	5	12	10
3	3	2	4	5	6	6	6	7	***	12	11	5	4	9	14	7	5	7	7	11	10	12	7	4	7
4	11	16	7	6	7	7	6	5	4	3	2	2	2	3	2	2	1	2	1	1	0	0	0	4	4
5	1	1	2	2	2	1	1	1	0	0	0	0	0	1	1	1	1	2	1	1	0	0	0	1	1
6	0	0	1	1	1	1	1	2	2	0	1	5	9	7	15	9	7	3	2	2	3	1	1	1	3
7	0	0	1	2	2	2	2	2	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	0	1
8	1	0	2	2	2	2	4	10	8	7	17	13	5	2	4	5	4	3	3	3	3	3	3	2	5
9	3	3	4	4	3	3	2	2	2	2	2	2	5	8	8	9	11	7	6	3	3	6	6	7	5
10	6	5	6	8	8	6	7	7	11	11	11	8	6	3	3	4	3	2	2	3	2	2	2	3	5
11	2	2	3	4	4	3	5	5	4	3	2	2	1	1	2	3	2	2	1	1	2	2	3	2	3
12	2	0	3	3	3	5	6	7	8	5	5	5	4	5	5	4	5	4	3	3	3	3	5	1	4
13	2	3	4	5	6	5	3	2	1	1	1	0	1	1	3	3	3	2	2	2	2	2	2	2	2
14	1	1	3	3	3	3	3	2	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2	2	2
15	2	1	2	3	4	4	3	4	4	4	3	1	2	1	3	3	3	2	1	1	3	4	2	3	3
16	***	***	***	***	***	***	***	***	***	***	3	2	2	3	4	3	3	1	2	2	1	1	1	1	***
17	1	6	6	6	7	8	7	7	8	7	3	3	3	4	4	4	4	3	2	2	5	15	10	15	4
18	1	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	3	2	5	5	6	10	5	5
19	14	5	5	4	4	3	3	3	3	1	1	1	3	3	3	3	2	2	5	5	5	6	***	***	4
20	***	***	***	***	***	***	***	***	***	***	***	***	6	7	7	7	5	5	4	3	3	3	3	4	***
21	4	4	6	5	6	5	7	12	12	7	11	16	16	14	11	10	10	5	5	5	5	5	5	4	8
22	7	5	4	3	4	5	6	6	4	8	6	7	6	4	5	5	5	***	***	***	***	***	***	***	5
23																									
24																									
25	***	***	***	***	***	***	***	8	5	5	4	4	4	4	4	3	3	2	2	4	5	3	1	1	4
26	1	1	3	3	3	3	4	6	4	4	4	6	14	12	18	8	7	3	2	1	1	1	1	1	5
27	0	0	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
28	0	0	3	4	4	6	4	5	3	2	1	1	1	0	2	1	1	0	1	0	0	0	1	0	2
29	0	0	3	3	2	2	2	2	2	1	1	7	6	2	6	6	6	10	7	7	6	6	6	6	4
30	8	10	11	12	8	10	8	7	7	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	4
MEAN	3	3	4	5	5	5	5	5	5	4	4	4	4	4	5	5	5	3	4	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	3	2	3	1	2	0	7	8	5	14	13	7	2	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	8	8	13	4	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	2	4	3	1	1
5	2	2	3	4	4	5	12	20	19	15	5	2	3	3	17	13	12	4	4	2	2	1	2	4	7
6	6	5	5	4	6	9	14	11	9	11	17	20	8	15	14	8	5	5	7	7	4	11	5	3	9
7	4	5	7	7	10	8	11	15	16	9	7	13	14	15	16	14	17	16	11	11	12	13	13	11	11
8	11	7	9	9	9	9	10	10	12	12	15	19	17	14	10	8	8	8	7	6	6	4	4	4	10
9	4	4	4	4	4	4	4	6	6	7	6	6	7	4	4	3	3	3	3	3	2	2	1	2	4
10	3	2	3	3	3	3	3	5	4	4	5	3	1	0	0	0	0	1	1	1	1	0	0	0	2
11	0	0	1	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	2	2	2	2	1	1	1
12	1	1	2	2	3	1	3	3	4	4	7	6	5	3	3	1	1	1	1	1	1	1	3	4	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	5	6	7	7	7	6	8	9	8	8	13	13	8	9	12	12	7	4	4	4	5	5	5	5	7
15	4	5	9	16	16	15	15	15	15	14	12	10	10	8	10	10	8	6	6	4	5	5	5	5	10
16	3	3	5	8	7	7	8	7	6	2	2	1	2	2	2	2	2	3	3	3	3	3	3	2	4
17	2	2	4	6	7	7	9	7	6	4	5	7	13	9	10	8	5	2	3	5	8	5	4	1	6
18	1	1	1	4	5	4	4	4	3	3	1	3	2	2	3	3	3	3	3	3	3	3	3	3	3
19	3	3	4	5	6	11	13	10	8	5	2	1	1	1	3	3	2	3	3	3	3	5	5	5	5
20	3	4	5	4	5	10	10	10	9	12	5	11	19	7	4	4	3	3	2	2	6	2	4	4	6
21	3	2	3	4	7	8	9	14	19	9	4	1	2	1	2	3	2	9	12	6	2	1	1	1	5
22	2	4	3	3	3	3	3	2	2	1	1	1	1	1	4	5	5	6	4	3	2	2	1	1	3
23	1	1	2	4	4	4	3	3	3	3	1	3	3	5	9	8	8	7	6	4	3	3	3	3	4
24	3	3	3	3	2	2	2	2	3	4	6	6	8	9	9	6	4	3	4	4	5	6	4	4	4
25	5	3	6	11	12	12	13	13	13	13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	3	3	4	6	3	3	4	5	5	4	7	17	4	2	6	7	6	6	6	6	6	24	5	5	6
28	5	5	6	9	9	7	7	7	7	8	24	22	23	14	10	10	10	9	13	18	14	4	8	2	11
29	6	6	8	5	4	5	6	10	7	5	3	4	5	8	8	6	13	9	12	12	7	5	5	7	7
30																									
31	5	4	6	9	9	9	8	7	7	7	6	6	5	5	8	12	13	12	10	10	10	9	7	7	8
MEAN	3	3	4	5	5	5	6	7	7	6	6	7	6	6	7	6	5	5	4	4	4	4	4	3	5

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH NOV 70

	STATION COLLEGE 101 12																								HOURS		CITY	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN			
1		5	5	7	9	8	6	6	7	7	6	5	8	7	8	11	8	6	7	10	6	3	3	5	7			
2		5	5	8	10	10	10	11	12	10	4	4	5	5	6	7	7	6	6	6	6	4	4	4	5			
3		3	3	6	8	8	6	6	5	5	5	4	3	3	3	4	6	5	5	1	2	2	1	3	4			
4		5	5	6	7	6	5	8	7	7	6	4	5	0	0	3	3	2	2	1	2	2	1	3	4			
5		4	4	5	5	4	2	5	2	3	3	2	1	1	1	4	5	6	5	5	6	5	5	4	5			
6		6	7	9	10	9	9	9	14	19	20	24	15	15	11	15	18	16	12	10	11	16	12	11	9			
7		8	4	6	8	8	6	4	4	6	5	4	4	4	2	6	8	8	7	7	6	4	5	6	6			
8		8	8	9	12	11	9	5	4	5	8	4	3	7	2	2	2	2	2	2	2	2	1	1	3			
9		5	4	4	3	4	4	5	5	7	6	10	9	5	4	3	3	9	4	5	6	5	4	4	5			
10		7	4	6	9	9	12	9	11	15	11	11	9	7	7	16	***	***	***	***	***	***	***	***	***			
11	***	***	***	***	***	***	***	***	***	***	***	4	6	4	3	2	2	2	2	3	3	3	2	3	***			
12		3	3	3	3	3	3	2	3	3	3	2	4	6	6	5	5	5	4	3	3	2	2	1	3			
13		6	7	6	7	6	6	6	6	5	7	7	6	6	6	5	5	5	5	4	5	4	3	3	3			
14		5	5	5	5	5	5	5	5	4	5	5	4	4	4	4	3	3	3	3	3	2	1	1	4			
15		1	1	0	0	0	0	1	1	1	1	1	1	6	6	5	5	3	3	2	2	1	1	1	2			
16		9	9	6	5	7	6	7	7	7	3	3	4	5	6	9	8	9	8	7	5	5	4	3	5			
17		7	7	6	5	4	4	2	3	1	0	2	3	5	4	2	2	1	1	1	1	1	2	2	3			
18		8	6	5	5	4	4	2	2	0	0	3	0	1	5	6	1	3	2	0	2	1	0	2	5			
19		5	4	3	4	8	5	9	5	7	10	6	5	5	6	4	10	5	1	0	2	2	5	2	4			
20		7	7	5	6	6	0	0	5	6	2	2	2	2	1	0	0	0	0	0	3	1	***	***	3			
21	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	0	***			
22		1	0	0	1	0	***	***	***	***	***	4	5	3	7	8	5	4	3	2	0	1	1	2	3			
23		3	4	2	2	1	2	2	1	2	3	2	2	8	7	5	4	5	5	6	6	7	4	3	7			
24		10	11	11	11	11	10	6	5	7	7	6	4	7	6	7	4	4	5	6	6	5	6	4	5			
25		8	8	6	4	8	9	8	7	4	6	8	17	12	11	10	13	12	11	13	7	7	6	12	9			
26		10	9	9	10	7	12	14	***	***	***	***	***	***	***	***	***	***	8	8	6	6	6	6	***			
27		6	7	7	5	5	7	8	6	6	3	1	8	8	6	3	3	3	2	2	0	0	0	0	4			
28		4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
29		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
30		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MEAN		5	5	5	6	5	5	5	5	5	5	5	5	5	4	5	5	5	4	4	4	3	3	3	4	5		

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	0	5	1	2	0	0	0	0	5	5	5	4	4	7	10	12	15	12	18	12	5
2	5	4	1	2	1	1	1	2	2	3	2	0	3	2	2	1	1	0	0	2	2	2	2	3	2
3	5	5	6	7	3	4	3	2	6	4	4	10	8	7	2	0	0	0	0	0	1	0	3	6	1
4	0	0	0	0	0	0	0	0	0	0	0	5	4	2	1	0	0	0	0	0	0	0	0	4	9
5	7	10	14	12	10	10	11	15	15	7	8	8	10	16	13	13	14	9	7	1	0	0	0	5	2
6	4	4	4	4	3	3	2	1	1	1	0	0	0	5	4	3	2	1	0	0	0	0	0	2	2
7	5	5	4	4	3	3	3	1	1	1	0	0	2	2	1	1	0	0	0	0	1	0	2	12	2
8	11	11	4	4	3	1	1	1	4	8	6	9	6	6	7	2	6	6	8	4	2	3	3	***	5
9	1	0	1	1	1	1	0	0	1	1	2	7	DATA MISSING -	8	7	5	6	4	3	3	1	0	1	3	3
10	4	2	1	2	2	1	1	0	0	0	0	6	5	5	4	4	4	2	1	1	1	0	0	2	2
11	4	4	3	3	3	2	2	2	2	2	1	4	4	4	3	3	0	1	1	1	0	0	1	4	2
12	4	2	1	1	0	0	0	0	0	0	0	0	3	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	2	0	***	2	2	1	3	1	2	3	2	1	3	***
14	4	4	3	2	2	3	5	6	5	4	4	7	5	4	3	3	4	4	3	3	2	2	2	3	4
15	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	1	1	0	0	0	0	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	2	4	5	4	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	***	***	***	***	***	***	***	***	***	***	***	3	DATA MISSING -	5	3	2	1	1	1	1	1	1	3	2	***
20	1	2	1	3	5	6	6	6	7	6	***	6	5	6	5	5	7	7	7	6	6	6	6	6	5
21	5	5	5	5	5	5	6	6	6	5	6	6	6	6	8	8	7	7	5	5	5	4	4	5	6
22	7	7	6	7	7	7	7	7	6	7	7	7	7	7	7	7	6	3	3	2	2	3	4	5	6
23	6	7	6	4	4	4	5	5	4	2	3	4	5	4	3	3	3	3	6	6	5	6	3	3	4
24	3	4	5	6	6	6	5	5	6	5	5	6	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	5	5	4	3	2	2	3	4	***
26	5	7	9	8	8	8	7	6	5	6	8	8	6	5	3	2	2	2	2	2	2	2	2	5	5
27	11	11	8	7	8	7	5	5	5	4	3	4	4	4	3	2	2	3	3	3	3	5	5	6	6
28	7	7	6	6	8	9	7	10	17	15	9	6	5	5	3	3	4	3	4	4	3	3	5	6	5
29	7	7	6	7	7	6	6	5	7	7	5	4	3	4	3	3	4	3	4	4	3	3	5	6	5
30	8	8	10	10	15	15	13	14	14	15	11	9	9	7	7	5	6	6	6	6	5	4	5	6	9
MEAN	5	5	4	5	4	5	4	4	5	4	4	5	5	5	4	3	4	3	3	3	3	2	3	4	4

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	8	13	29
FEB	19	6	11	26
MAR	22	6	10	20
APR	28	5	9	28
MAY	29	6	12	30
JUN	29	6	11	21
JUL	31	6	14	57
AUG	26	4	8	35
SEP	28	4	10	22
OCT	30	5	11	24
NOV	30	5	13	24
DEC	29	4	9	18
YEAR	331	5	14	57

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	196	304	107	59	2	0	668
FEB	152	242	26	5	1	0	426
MAR	149	204	20	11	0	0	384
APR	374	182	34	10	2	0	602
MAY	362	215	71	47	1	0	696
JUN	297	258	68	37	0	0	660
JUL	342	257	67	42	9	4	721
AUG	415	115	22	4	3	0	559
SEP	421	172	27	13	0	0	633
OCT	396	214	54	30	0	0	694
NOV	348	283	28	12	0	0	671
DEC	354	205	18	10	0	0	587
YEAR	3806	2651	542	280	18	4	7301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		MAX
83	0	0.7	2.3	3.8	6.1	10.7	13.4	16.2	18.8	57	5

POLLUTANT - SULPHUR DIOXIDE		UNITS - PARTS PER HUNDREDMILLION
STATION - PHARMACY AND 401 TORONTO	NO 33002	MONTH FEB 70

PERCENTAGE OF DATA VALID - 28

POLLUTANT - SULPHUR DIOXIDE		UNITS - PARTS PER HUNDREDMILLION
STATION - PHARMACY AND 401 TORONTO	NO 33002	MONTH MAR 70

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH APR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	2	2	2	2	1	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
4	2	2	2	1	1	1	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
6	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	4	3	3	4	6	11	15	15	15	16	17	16	14	13	12	12	11	9	8	8	7	9	7	6	10
9	5	4	3	2	1	1	1	1	1	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	2	2	1
11	2	2	2	2	2	2	2	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	3	3	3	2	2	2	2	2	2	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	2	2	2	4	4	3	3	3	2	2	2	2	3	5	9	11	12	12	4
16	11	11	10	10	9	8	8	7	6	9	9	8	8	7	6	6	5	5	4	4	4	3	3	2	7
17	2	2	2	2	3	5	5	6	7	8	10	6	5	4	3	3	3	3	3	3	3	3	3	3	3
18	- DATA MISSING -																								
19	- DATA MISSING -																								
20	- DATA MISSING -																								
21	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	0	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	1	1	3	6	9	10	10	10	10	9	9	8	7	7	7	6	6	5	6
28	5	4	4	3	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	4	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	1	1	1	2	1
2	1	1	1	1	1	1	1	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	2	2	2	2	3	5	1
4	6	6	7	8	8	9	8	9	8	8	8	7	8	6	6	5	4	3	3	3	3	2	2	2	6
5	1	1	1	0	0	1	1	1	1	1	3	2	2	2	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	3	3	3	2	1
7	1	1	1	1	1	2	2	1	1	0	3	0	0	0	1	2	2	2	3	1	1	2	2	1	1
8	0	2	2	4	4	3	2	2	4	3	4	4	6	5	4	5	3	3	2	2	2	2	2	2	3
9	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	2	9	5	2	2	2	2	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	1	1	1	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1
13	1	1	0	1	1	1	2	3	2	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1
14	1	0	0	0	0	0	1	1	1	0	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1
15	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	3	5	5	5	4	4	4	4	4	4	4	4	5	4	4	3
19	4	4	4	4	5	6	7	6	4	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4
20	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	4	2	2	2	2
21	2	2	2	2	2	2	2	1	2	2	3	2	2	2	2	8	3	3	3	2	2	2	2	2	2
22	2	2	4	4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
23	3	3	3	3	3	3	2	2	2	2	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	1	2	2	2	1	1	1	0	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	2	2	2	2	1	1	1	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	3	4	3	5	4	3	3	3	3	3	3	3	2	2	2	2	3	3
31	2	2	2	2	2	2	3	3	4	3	3	4	3	3	3	3	3	3	3	2	2	2	2	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	3	3	3	4	4	4	5	4	3	3	3	3	3	3	2	2	4	3	2	7	3
2	4	3	2	2	2	2	2	3	3	4	5	-	DATA MISSING	-	-	-	-	3	2	3	2	1	2	3	3
3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	2	3	2	1	2	2	....
4	2	2	2	2	2	1	2	2	2	2	4	3	3	4	2	2	2	3	5	4	3	2	3	1	3
5	1	2	1	1	0	....	....	....	....	....	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	0	1	0	1	2	2	8	4	3	2	2	2	2	2	2	2	2	3	2	2	2
7	2	2	2	2	3	7	9	10	11	9	12	13	13	12	14	12	9	9	8	8	7	7	6	5	8
8	4	4	4	4	3	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	3	4	4	5	4	5	4	4	4	4	3	3	3	3	3	3	3	3
10	3	3	3	3	3	2	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3
11	2	2	2	2	1	1	1	1	1	1	2	2	2	1	....	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	3	1	1	8	8	7	11	10	10	9	9	9	8	8	8	7	7	6	6	2	2
13	5	4	4	3	3	2	2	1	....	....	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
14	2	2	2	1	1	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	5	7	7	8	8	8	7	7	7	11	11	2	1	....	....	....	....	....	....	....	....	....	....	....
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
26	1	1	1	1	1	1	1	1	1	1	2	2	3	4	4	4	4	3	4	4	4	4	5	5	3
27	4	5	5	5	5	5	5	4	4	4	4	5	4	4	4	4	4	4	4	3	3	3	4	2	2
28	4	4	4	3	2	2	1	1	1	1	1	1	2	3	3	2	2	2	1	1	1	1	1	1	1
29	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	3	3	2	2	3	3	3	3	3	5	4	3	3	3	3	3	3	3	3	3	2	2	3	3

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	1	1	2	2	3	4	4	3	3	3	3	4	4	4	4	4	4	3
2	5	5	5	5	5	5	5	5	5	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	3	3	4	4	4	4	3	3	3	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
6	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
8	4	4	4	4	4	4	4	3	3	4	4	5	4	....	2	2	2	2	2	2	2	2	2	2	3
9	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	14	13	9	9	8	8	8	6	6	5
10	7	7	7	6	6	6	6	6	6	6	7	6	5	5	5	5	5	5	4	4	4	4	4	3	5
11	3	3	3	3	3	3	2	2	2	2	1	2	1	1	1	1	0	0	0	0	0	0	0	0	1
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
14	3	3	3	3	3	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	....	....	....	....
15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
16	1	1	1	1	1	1	1	2	2	2	2	2	3	5	5	5	5	5	3	3	3	4	4	3	3
17	4	5	5	5	5	5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4
18	3	3	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
19	2	2	1	1	1	1	2	2	2	2	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
23	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	1
24	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
26	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
27	1	1	1	2	2	2	2	2	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	2	2	2	2	2	2	2	1
30	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	2	2	2	1	2	2	2	4	5	10	8	3	3	2	2	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	2	2	3

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	3	3	3	3	3	3	3	4	5	5	4	4	6	7	8	7	8	7	7	4	4	4	4	4	****
6	3	3	3	3	3	3	3	4	5	4	4	4	4	4	4	4	4	3	3	3	3	4	5	4	5
7	3	4	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	3	3	3	4	5	5	4	4
8	4	4	4	4	4	4	5	4	5	5	4	4	4	4	4	3	3	3	3	4	4	4	5	5	4
9	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	4	4	3	3	4	4	4	****	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
11	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2
12	1	1	1	1	1	1	1	1	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1
13	2	1	1	1	1	1	1	1	3	2	1	2	4	1	2	2	3	3	2	2	4	2	2	2	2
14	2	2	1	1	1	1	1	2	5	4	4	6	5	3	2	2	3	3	2	2	3	2	2	2	3
15	2	2	1	1	1	1	1	1	2	2	3	3	4	3	3	4	4	3	3	4	3	3	3	3	2
16	3	3	2	2	3	3	4	4	5	3	3	3	2	2	2	2	2	2	1	1	2	2	2	1	2
17	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2
18	2	2	2	2	2	2	1	1	3	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2
19	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2
20	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2
21	2	2	1	1	1	1	1	1	2	2	2	3	2	1	1	2	1	1	1	1	2	2	2	1	2
22	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	0	2	2	1	1	1	1
23	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
24	1	0	0	1	0	1	1	1	2	2	1	1	1	2	4	4	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	3	3	3	1	4	4	4	3	3	3	3	3	4	3	3	3	2
26	2	2	2	2	3	4	4	3	4	4	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3
27	2	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
30	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	1	1	2	2	2	4	4	3	2	2	****	2	2	2	1	1	1	2	2	2	1	2
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	2	2

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2
2	1	1	1	1	1	1	1	3	3	3	4	5	4	4	3	4	4	3	2	2	3	3	2	2	3
3	2	2	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2
5	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	2	2	1	1
6	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	2	2
7	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	1	2	4	3	3	2	2	2	2	3	5	5	3	3	3	2	3	3
10	2	2	2	2	2	2	1	1	4	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2	2
11	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
12	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
13	2	2	3	2	2	2	2	1	3	2	1	1	2	2	1	1	1	0	0	2	3	2	1	1	2
14	1	1	1	1	1	1	2	2	3	2	2	1	1	1	1	1	0	0	1	2	3	2	2	1	1
15	1	1	1	1	0	1	1	1	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2
17	2	2	1	1	1	2	3	3	3	3	2	2	2	2	2	2	2	2	1	2	3	2	2	1	1
18	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	1	1	1	1	1	1	2	2	1	1	1	1	3	4	3	2	2	3	3	2	2	2	2
20	2	2	2	2	1	1	1	1	3	2	2	2	2	2	3	3	2	2	2	3	3	2	2	2	2
21																									
22	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	1	1	1	1	1	2	1	1	1	****
23	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
25	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
26	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	****	****	****	****	****	****	2
27																									
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	2	****
29	2	2	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2	2	2	2	3	2
30	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6	***	***	***	***	***	***	***	***	***	***	***	***	4	6	7	7	***	8	7	8	7	7	7	7	***
7	7	6	6	6	6	7	6	7	7	8	10	10	14	11	6	6	4	3	3	3	3	4	4	3	6
8	3	3	3	3	2	3	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	2	2	2	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1
13													- DATA MISSING -												
14	***	***	***	***	***	***	***	***	***	***	***	***	4	2	1	0	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	4	4	4	4	4	4	4	4	4	4	4	4	***
16	3	3	3	3	3	4	5	5	4	4	3	4	6	6	6	4	4	6	6	5	5	4	4	4	4
17	3	3	3	4	4	6	4	4	4	4	3	4	5	4	4	3	2	3	3	3	3	3	3	3	4
18	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	3	5	5	5	5	***
20	4	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21													- DATA MISSING -												
22	***	***	***	***	***	***	***	***	***	***	***	***	4	4	4	4	4	4	4	4	***	***	***	***	***
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	3	***	3	3	3	3	3	***
27	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	3	***	4	3	3	3	3	3
28	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	***	4	3	3	3	3	3	3
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	4	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	2	3	2	2	1	0	0	0	***
19	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
20													- DATA MISSING -												
21	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	0	2	1	1	1	1	1	1	2
22	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	***	4	4	4	3	3	3	3	4
23	3	4	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2	2	2
27	3	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 70

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR																									
DAY																									
1		2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	5	5	5	5	5
3		5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	6	5	5	5	5	5	5	5
4		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	***	***	***	***	***	***	***	***	5
5																									
6																									
7	***	5	5	5	5	5	5	6	6	6	6	7	6	6	6	5	6	6	6	5	5	5	5	5	***
8		5	5	5	5	3	4	4	4	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	6
9		5	5	5	5																				
10																									
11																									
12																									
13																									
14																									
15																									
16																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	4	4	4	4	5	5	5	5	5	5	5	6	5	6	6	5	6	6	6	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 12

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - PHARMACY AND 401 TORONTO

NO 33002

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - SULPHUR DIOXIDE

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
		DATA MISSING		
JAN				
FEB	10	4	9	13
MAR	24	3	6	15
APR	27	3	10	17
MAY	31	2	6	9
JUN	22	3	8	14
JUL	25	3	5	14
AUG	29	2	5	8
SEP	28	2	3	5
OCT	17	3	6	14
NOV	11	2	3	5
DEC	7	5	6	7
YEAR	231	3	10	17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN		DATA MISSING					
FEB	128	60	4	0	0	0	192
MAR	450	105	8	2	0	0	565
APR	552	52	11	6	0	0	621
MAY	682	33	0	0	0	0	715
JUN	405	57	10	0	0	0	472
JUL	432	61	2	0	0	0	495
AUG	628	30	0	0	0	0	658
SEP	613	3	0	0	0	0	616
OCT	237	39	2	0	0	0	278
NOV	230	1	0	0	0	0	231
DEC	11	82	0	0	0	0	93
YEAR	4368	523	37	8	0	0	4936

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
61	0	0.4	1.1	1.6	2.4	4.3	5.9	8.0	9.8	17	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	2	2	2	2	2	4	1
2	2	2	3	3	3	3	4	4	9	8	9	8	6	5	6	7	5	5	5	3	3	3	1	3	5
3	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0
4	3	5	16	17	12	9	6	6	8	10	12	11	9	7	7	7	6	8	12	4	5	5	5	4	8
5	4	5	5	5	9	8	6	7	6	8	6	4	3	4	3	3	3	3	4	4	3	6	4	4	5
6	4	3	4	3	4	4	2	4	4	4	2	3	2	2	2	2	7	5	4	6	7	7	5	3	4
7	2	1	3	3	2	1	1	1	0	1	0	0	1	1	2	5	3	2	4	3	5	6	5	4	2
8	5	7	9	10	9	9	9	7	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	3	3	2	3	2	2	3	****
27	2	1	4	2	2	2	3	3	2	****	****	****	****	****	****	0	0	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	16	13	16	8	2	1	****
29	1	2	3	2	4	4	5	3	2	1	2	2	3	2	2	1	0	0	0	0	0	0	0	0	2
30	1	1	0	0	0	1	1	1	1	1	1	1	1	2	4	3	1	1	5	10	14	12	13	5	3
31	4	4	7	7	4	3	4	8	7	5	3	1	7	7	9	5	4	8	3	3	4	4	4	5	5
MEAN	2	3	5	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	5	4	5	5	4	3	4

PERCENTAGE OF DATA VALID - 38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	7	7	4	5	3	5	9	4	4	2	2	8	23	12	15	13	3	2	9	13	4	0	0	7
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	8	6	5	4	4	3	1
3	0	0	0	0	1	2	8	6	5	4	4	3	0	0	0	0	1	2	8	6	5	4	4	3	3
4	0	0	0	0	1	2	8	6	5	4	4	3	0	0	0	0	1	2	8	6	5	4	4	3	3
5	0	0	0	0	1	2	8	6	5	4	4	3	0	0	0	0	1	2	8	6	5	4	4	3	3
6	0	0	0	0	1	2	8	6	5	4	4	3	0	0	0	0	1	****	5	7	8	7	5	7	3
7	19	18	9	14	25	6	5	5	8	19	6	4	6	4	4	5	5	6	6	5	6	8	6	3	8
8	3	3	5	10	13	13	12	11	5	2	3	3	3	5	5	3	6	5	4	4	3	3	3	3	5
9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
10	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
11	1	1	1	2	3	3	3	3	2	2	2	2	2	2	3	3	3	5	5	5	5	3	3	4	3
12	5	5	5	5	5	7	6	6	5	5	4	4	4	2	2	2	3	2	2	3	3	4	3	3	4
13	3	4	3	4	6	7	7	8	5	5	4	3	4	4	4	6	4	2	2	2	2	3	3	3	4
14	4	5	5	5	4	5	5	6	5	5	5	10	16	13	12	16	13	7	4	3	1	2	2	7	7
15	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	2
16	3	3	3	4	3	4	5	3	3	3	3	3	2	2	2	2	2	6	4	3	1	2	1	1	3
17	2	2	3	3	3	2	3	5	13	15	14	17	15	9	7	5	4	5	5	5	5	4	4	4	6
18	3	3	4	4	4	5	4	4	4	4	4	6	6	6	6	5	4	3	3	3	3	3	3	3	2
19	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	3	3	4	1	4
20	3	4	4	5	5	4	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
21	2	2	2	3	4	5	5	5	5	4	4	5	4	3	2	2	2	2	1	2	2	4	7	5	3
22	5	4	4	4	4	4	5	5	7	5	3	3	2	2	2	2	2	1	1	1	1	1	1	1	3
23	2	1	1	2	3	1	1	2	4	4	2	2	2	1	1	1	1	1	1	3	3	5	5	5	2
24	4	5	5	5	6	6	8	10	7	4	3	2	2	2	2	1	1	1	1	1	1	2	3	4	4
25	0	1	4	3	5	8	9	9	4	5	4	1	0	0	0	0	0	0	1	2	2	2	2	3	3
26	5	4	5	5	3	3	2	2	2	2	2	2	2	2	4	3	2	2	2	3	3	4	5	5	3
27	5	5	5	5	7	5	5	6	9	7	5	5	5	4	4	5	5	4	4	5	5	6	6	5	5
28	6	7	7	8	7	6	5	4	4	4	3	3	3	4	4	4	3	3	3	2	2	2	2	2	4
MEAN	3	3	3	4	5	4	5	5	4	4	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	1	1	1	1	1	1	1	1	2
2	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2
3	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
4	0	1	1	1	2	2	2	2	2	2	2	••••	••••	2	3	3	2	3	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	3	2	2	2	••••	6	5	4	5	5	5	4	4	2	1	1	2	3
6	3	4	3	3	••••	3	3	3	3	4	5	4	3	4	2	2	5	2	1	2	3	3	3	3	2
7	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	1	2	3	3	3	3	2
8																									
9	3	3	4	5	6	5	5	4	2	2	3	2	1	1	1	1	••••	0	3	4	5	2	2	2	3
10	2	2	2	2	2	2	2	2	3	5	2	1	1	1	1	1	1	0	0	0	0	0	1	1	1
11	1	2	2	2	1	1	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1
12	3	6	5	6	4	2	3	2	1	1	2	5	4	3	2	2	1	3	6	6	5	3	2	2	3
13	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2
14	2	2	2	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	4	4	4	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	3	3	2	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2
17	2	3	4	4	4	4	6	7	10	5	3	2	2	2	2	2	4	3	2	2	2	2	2	2	3
18	7	7	5	3	2	1	1	1	2	2	1	2	2	2	2	3	3	3	2	2	3	4	4	2	3
19	3	3	2	4	3	3	4	6	6	3	3	3	4	3	3	3	3	2	2	3	2	2	2	2	3
20	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	5	5	5	2	3	5	2
21	2	1	1	2	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	4	5	7	5	3	2
22																									
23																									
24																									
25																									
26	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	3	3	1	3	12	5	2	2	••••
27	2	2	1	2	2	1	2	2	2	1	2	2	1	1	2	2	2	1	2	3	2	3	4	5	2
28	2	2	2	2	3	5	2	2	2	6	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
29	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
31	3	3	5	7	4	2	3	5	4	3	2	3	3	3	5	7	4	2	3	5	4	3	2	3	4
MEAN	2	2	2	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	5	4	4	3	2	1	1	1	1	1	2	2	••••	••••	••••	••••	••••	••••	••••	••••	3
2																									
3	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••
4	2	2	4	3	3	3	3	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1
6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1
7	1	1	1	0	1	1	0	0	1	1	2	1	1	1	1	1	1	2	2	3	3	5	3	4	2
8	5	5	6	12	8	5	8	5	5	6	12	8	7	11	23	20	8	3	4	5	8	3	25	10	9
9	8	5	4	3	3	4	3	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	2
11	2	2	3	3	3	3	3	2	2	2	1	2	2	2	2	2	2	2	2	1	1	2	3	4	2
12	6	6	5	4	4	2	3	4	4	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	3
13	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	2	1	1	1	2
14	1	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2	1	1	2
15	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	1
16	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
17	1	1	0	0	0	0	0	0	1	2	3	1	1	1	1	1	••••	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	1
20																									
21																									
22																									
23	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	2	2	2	2	2	••••
24	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	2	3	4	2	3	3	2	2	2	3	3	3	4	6	7	3	3	2	3	2
26	4	2	3	3	1	4	3	4	2	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2	5
27	7	8	9	12	12	10	8	6	3	5	4	5	4	••••	4	3	3	3	3	3	3	4	5	4	3
28	2	2	2	2	2	2	2	3	2	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	••••
29	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••
30	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	2
MEAN	2	2	3	3	3	2	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - MET BRANCH SCARBOROUGH BLUFFS								NO 33019		MONTH MAY 70																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	1	2	2	2	2	2	2	3	2	2	2	2	2	3	7	9	4	7	9	10	5	3	3	2	4		
2	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	2	3	1	0		
4	1	1	2	1	2	2	1	1	1	1	2	1	2	2	3	2	3	3	4	1	1	1	0	0	2		
5	0	0	1	1	1	2	3	4	4	3	2	2	1	1	2	1	1	0	0	0	0	0	0	0	1		
6	1	1	1	1	1	1	0	0	0	0	0	0	0	2	2	1	1	1	1	2	2	3	3	1	1		
7	1	1	2	3	4	6	4	4	1	1	1	1	1	0	2	2	2	1	4	4	3	3	5	4	3		
8	1	1	3	1	0	0	2	1	1	1	2	1	1	1	1	2	4	4	2	2	2	2	1	1	2		
9	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2		
10	2	1	2	1	1	1	1	1	1	2	2	2	2	2	3	2	3	3	3	3	3	3	3	2	2		
11	2	1	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1		
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1		
13	2	2	2	1	1	1	2	4	4	5	6	5	4	2	2	2	2	2	2	2	2	1	1	1	2		
14	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1		
15	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1		
16	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1		
17	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1		
18	0	0	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1	1	1	2	3	5	3	2		
19	10	7	4	3	6	5	7	6	3	4	4	5	10	6	4	3	3	2	2	2	1	1	1	1	4		
20	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1		
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	2	2	2	3	2	2	2		
22	4	5	5	3	2	2	2	2	1	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	2		
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1		
24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
26	0	1	1	1	1	1	1	2	2	3	1	2	2	1	2	1	1	1	0	0	0	0	0	0	1		
27	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1		
28	1	0	0	0	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1		
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2		
30	1	1	2	2	2	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2		
31	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	3	2	2	4	3	4	3	2	2	2		
MEAN	1	1	2	1	1	1	1	2	1	2	2	1	2	1	2	2	2	2	2	2	1	1	2	1	1		

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

	STATION - MET BRANCH SCARBOROUGH BLUFFS												NO 33019												MONTH JUN 70											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1	1	1	1	1	3	2	2	2	2	1	1	2	2	2	3	3	3	2	2	2	2	2	2	2	2											
2	1	1	1	2	1	1	2	2	2	2	2	2	2	2	3	3	2	3	2	3	3	1	1	1	2											
3	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1											
4	1	0	1	0	0	0	1	0	1	1	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1											
5	1	1	1	1	1	2	2	1	1	2	3	5	2	3	3	1	1	0	1	1	1	1	1	1	2											
6													DATA MISSING												DATA MISSING											
7													DATA MISSING												DATA MISSING											
8	0	1	3	2	1	2	3	2	2	2	2	2	3	3	4	2	4	4	4	1	1	1	1	0	4											
9	3	3	3	4	3	3	5	4	4	6	5	5	5	4	4	4	5	4	7	5	5	6	6	5	4											
10	3	3	3	4	3	3	5	4	4	6	5	5	5	4	4	4	5	4	7	5	5	6	6	5	4											
11	3	3	3	3	3	3	4	4	4	4	5	4	5	4	3	3	3	3	2	2	2	2	2	2	3											
12	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	1	1											
13	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1											
14	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
15	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1	2	1	1											
16	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2											
17	0	1	1	1	1	2	2	2	2	3	3	2	2	2	7	5	2	3	3	3	4	4	2	2	2											
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
19	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1											
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
21	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1											
22	1	1	1	2	1	1	2	2	3	2	2	2	5	9	4	5	3	1	1	1	1	1	1	1	2											
23	4	5	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
25	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1											
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
27	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	2	3	1											
28	2	2	1	1	1	0	2	1	2	4	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1											
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
30	2	3	3	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	0	1	2	2											
MEAN	1	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2											

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH JUL 70

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1
2	1	1	1	1	1	1	1	20	1	1	1	1	1	1	1	1	3	3	2	2	1	1	1	1	3
3	0	1	1	0	0	1	1	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1	0	0	1
4	0	1	1	1	1	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	1	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	1
6	0	1	2	4	2	1	1	1	1	1	1	3	0	0	0	1	0	1	4	5	5	6	3	3	2
7	2	2	2	1	1	2	2	8	3	1	2	22	17	6	1	1	1	1	1	1	1	1	1	1	3
8	2	2	2	2	2	6	4	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2
9	1	2	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	2	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	4	2	1	1	0	0	0	0	0	1
12	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
13	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
14	1	1	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
15	1	4	7	2	2	2	2	1	6	4	2	5	5	5	1	2	2	3	2	0	1	1	1	1	3
16	1	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0	3	5	5	3	2	1	1	1	1
17	2	6	4	3	4	5	5	1	1	1	1	1	1	1	1	1	1	3	2	3	4	1	0	0	1
18	0	2	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
21	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	1	2	1	1	1	1
22	1	1	2	3	2	3	2	1	1	1	2	4	3	2	3	2	1	2	1	1	1	1	1	1	2
23	1	2	2	2	3	5	3	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
24	1	2	2	2	2	3	2	3	2	3	3	2	2	2	1	2	2	1	1	1	1	1	1	1	2
25	2	4	2	2	2	3	3	3	4	3	4	4	5	3	2	2	2	2	2	2	3	3	3	3	3
26	2	3	3	3	4	4	3	3	4	4	4	4	7	4	3	3	3	4	6	7	5	5	4	4	4
27	5	6	4	4	3	13	11	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
28	1	2	2	2	2	3	3	3	9	17	6	4	3	3	3	3	2	2	2	2	2	2	2	2	3
29	1	2	2	2	3	4	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
30	2	2	2	2	3	4	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
31	2	2	3	3	2	2	1	2	1	1	1	2	2	3	6	4	3	2	2	2	1	1	1	1	2
MEAN	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	2

PERCENTAGE OF DATA VALID 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH AUG 70

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	0	0	0	0	1
2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
3	3	2	2	3	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
4																									
5																									
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28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1
2	1	1	0	0	1	1	2	1	4	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1
3	2	1	1	1	1	1	1	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	10	3	3
4	3	3	4	4	3	5	5	4	4	3	3	2	3	2	3	2	2	2	2	2	2	1	1	1	3
5	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
6	1	2	2	1	2	2	2	2	2	2	2	3	3	12	11	4	3	3	3	3	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3	3	3	2
8	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
9	2	3	3	3	3	2	2	2	2	2	2	2	2	4	5	7	4	3	3	3	3	3	3	3	3
10	2	2	2	2	2	2	2	3	3	4	6	7	6	2	2	2	1	1	1	1	1	1	2	2	2
11	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	4	4	1	1
12	2	1	1	1	2	3	3	3	2	2	2	2	3	4	2	2	2	2	2	2	2	2	3	2	2
13	7	7	6	5	6	5	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2
14	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	1	1	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	1	1	1	1	1	2	2	2	2	2	2	6	6	5	4	6	4	3	3	3	2	2	2	3	3
20	4	3	2	1	1	1	1	2	1	2	2	2	2	2	2	3	5	3	3	2	2	3	2	2	2
21	2	2	2	2	1	2	4	5	20	31	8	3	3	4	8	8	17	19	5	5	7	14	9	6	8
22	5	6	4	3	4	6	11	5	4	4	8	5	4	3	3	3	3	3	2	1	1	1	2	2	4
23	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	5	6	5	3	2
25	3	4	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
26	1	1	1	1	1	4	1	1	1	1	1	1	2	2	3	3	3	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1
28	1	1	1	2	2	2	3	4	1	1	1	0	1	1	1	0	2	1	1	1	1	1	1	0	1
29	1	1	1	1	1	2	1	1	1	1	3	5	7	2	1	4	5	7	5	6	10	10	10	1	4
30	1	3	6	8	10	10	6	4	2	3	3	2	2	1	1	1	1	1	1	1	0	0	0	0	3
MEAN	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	0	0	0	0	1	5	5	2	2	2	2	2	1	1	1	2	2	1
2	2	2	1	2	3	2	2	2	2	2	2	3	4	3	3	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	7	6	7	2	2	2	2	2	3	4	3	2	3	4	6	3	2	2	2	3
4	2	2	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
5	1	2	2	2	2	4	5	5	4	4	5	6	9	9	12	8	4	3	3	2	2	1	2	2	4
6	2	2	2	1	2	2	4	3	4	8	8	5	10	4	3	3	4	3	3	3	3	4	6	7	4
7	8	3	3	2	2	1	1	1	3	2	3	3	4	5	5	4	4	4	4	5	6	7	7	7	4
8	7	7	7	7	6	6	6	6	5	4	3	***	3	3	4	5	4	3	4	4	4	4	3	3	5
9	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
10	3	3	3	3	3	3	3	3	2	2	2	3	3	4	3	2	1	1	1	2	2	3	2	2	2
11	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3	3	2	1	2	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	2
13	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2
14	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
15	2	2	3	3	3	3	3	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	6	6	7	8	9	11	9	10	9	5	4	5	10	12	10	8	9	5	5	5	5	5	5	6	***
18	3	3	3	3	3	6	4	4	3	3	3	2	2	2	2	2	4	5	4	3	2	2	2	2	3
19	3	3	3	2	2	6	2	2	2	3	2	2	2	3	3	2	6	3	2	2	2	2	2	2	3
20	2	2	2	2	2	5	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
21	4	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
23	2	2	2	2	2	5	2	2	2	2	2	2	2	3	4	7	4	5	3	2	2	2	2	2	3
24	2	2	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
29	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	2	2	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	1
31	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
MEAN	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS

NO 33019

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0
2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4																									
5																									
6																									
7																									
8																									
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	3	3	2	1	2	2	2	1
11	3	6	6	8	11	9	5	3	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	1	1	1	1	1	1	2	3	4	4	2	3	4	3	2	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
16	4	5	3	2	2	4	6	5	4	2	1	1	1	2	5	2	3	3	2	3	3	3	3	3	3
17	2	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
18	2	2	2	2	2	3	3	4	4	4	4	3	3	3	4	4	3	3	3	3	3	3	2	4	3
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	6	1
20																									
21																									
22																									
23																									
24	2	3	4	4	3	4	4	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
25	2	2	2	2	3	3	3	3	4	12	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	3	2	2	3	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	2	2	8	10	7	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
30	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2
MEAN	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	2	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS

NO 33019

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	4	2
2	2	2	2	1	1	1	1	1	1	2	5	1	1	1	1	1	1	1	1	1	3	3	2	2	2
3	2	3	4	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	3	4	2	1	2	10	14	12	6	3	2	2	2	2	2	2	3	3	3	6	2	2	2	2	4
6	2	2	2	3	3	4	6	5	4	6	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3
7	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
8	2	2	2	3	3	3	3	4	2	2	2	9	5	5	9	4	3	2	2	2	2	2	2	2	4
9	2	3	7	4	3	5	4	8	6	4	5	8	5	6	4	3	3	2	2	2	2	2	2	2	2
10	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2
11	1	2	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
12	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	2	3	3	4	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	4	4	4	4	4	5	4	4	3	6	7	7	8	3	2	2	2	2	2	2	2	2	4
19	2	4	4	4	4	3	3	5	7	6	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2
20	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	1	1	1	1	1	1	2	2	1	2
21	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22																									
23																									
24																									
25																									
26																									
27																									
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	4	4	4	6	7	8	10	10	8	7	5	4	6	4	4	4	3	3	3	3	3	3	3	3	5
30	3	3	3	3	4	4	6	7	7	5	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4
31	4	3	4	7	7	5	4	4	4	4	3	3	3	3	3	2	2	2	3	3	3	3	3	3	4
MEAN	2	2	2	2	2	3	3	3	3	3	2	3	3	2	3	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	4	8	17
FEB	28	4	8	25
MAR	26	2	4	12
APR	26	2	9	25
MAY	31	1	4	10
JUN	28	2	5	15
JUL	31	2	4	22
AUG	21	2	5	8
SEP	30	2	8	31
OCT	31	2	7	12
NOV	23	2	3	12
DEC	25	2	5	14
YEAR	314	2	9	31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	201	72	8	4	0	0	285
FEB	482	165	13	11	0	0	671
MAR	548	54	1	0	0	0	603
APR	521	33	5	3	0	0	562
MAY	720	23	0	0	0	0	743
JUN	582	33	1	1	0	0	617
JUL	653	33	2	4	0	0	692
AUG	432	39	0	0	0	0	471
SEP	647	51	4	3	1	0	706
OCT	624	72	3	0	0	0	699
NOV	500	13	2	0	0	0	515
DEC	505	52	2	0	0	0	559
YEAR	6415	640	41	26	1	0	7123

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81	0	0.2	0.7	1.2	2.0	4.0	5.5	7.7	9.9	31	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	8	10	13	12	12	12	10	10	10	9	8	8	7	7	7	6	8	8	7	10	9	9	9	9	9
9	8	8	8	9	9	8	7	6	4	2	2	2	2	2	2	1	9	10	9	7	7	8	10	10	7
10	2	2	4	4	4	7	6	5	5	4	3	3	3	2	1	1	1	3	3	3	3	5	5	5	3
11	4	6	5	3	3	6	7	6	4	4	3	4	5	6	6	6	6	7	11	6	9	8	8	6	6
12	6	7	6	4	2	2	3	2	2	2	2	2	2	3	3	4	8	6	11	11	9	7	5	5	5
13	4	4	4	3	3	4	6	5	4	3	3	3	3	3	3	3	3	5	4	6	5	4	3	3	5
14	2	4	7	7	8	6	6	5	5	4	6	7	6	4	4	3	2	5	6	5	3	2	3	5	5
15	5	5	6	6	9	6	7	6	6	7	9	14	14	17	17	15	10	10	11	9	5	3	4	4	8
16	5	5	4	5	4	5	6	5	5	6	2	2	1	1	2	1	2	3	3	1	1	1	2	2	2
17	4	4	5	5	4	3	3	3	3	2	2	8	5	3	2	2	2	3	2	2	2	2	3	4	3
18	3	2	4	5	4	2	5	6	4	4	4	4	3	4	5	7	7	8	7	9	9	6	7	6	6
19	5	5	5	6	6	6	4	4	4	4	6	9	7	7	6	6	6	5	3	2	4	4	3	3	6
20	7	8	8	7	7	6	11	8	9	10	6	9	3	7	5	6	6	8	7	2	2	4	3	3	6
21	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	3
22	8	5	4	4	3	3	5	7	8	14	16	7	9	23	5	8	15	8	24	9	8	8	8	8	9
23	2	9	7	7	8	8	9	10	10	10	9	6	4	3	3	3	2	2	2	3	3	4	2	6	6
24	3	2	2	3	4	5	6	8	12	12	8	37	9	9	9	9	6	5	5	5	6	8	11	14	8
25	23	23	21	17	14	16	13	15	17	16	15	9	8	8	7	5	5	6	5	5	4	3	3	3	5
26	5	6	6	6	7	6	6	6	5	6	4	5	7	8	8	8	10	11	11	12	12	10	8	7	8
27	3	3	4	9	7	8	8	9	8	9	5	5	4	3	3	4	4	5	12	8	10	10	5	4	6
28	7	7	7	8	6	7	8	7	5	5	7	4	3	5	5	6	4	2	2	2	3	2	1	1	4
29	4	4	6	7	6	8	8	7	7	4	2	3	3	5	5	6	3	5	5	6	6	6	7	7	3
30	1	1	2	2	2	4	3	2	2	2	2	3	3	2	2	3	3	5	5	6	6	6	4	5	6
31	11	11	11	8	7	7	6	7	7	11	7	9	7	3	3	7	6	5	4	3	3	3	4	5	6
MEAN	6	6	6	6	6	6	6	6	6	6	6	6	7	6	4	6	5	6	6	6	6	5	5	5	6

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 70

STATION - SCIENCE CENTRE DON HILLS OAHSI RD 34002																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	5	6	6	6	4	4	3	3	3	3	9	4	3	3	8	4	6	5	6	6	6	5
2	6	8	7	7	4	6	6	5	4	5	4	4	4	3	3	5	7	7	4	3	4	5	7	10	5
3	9	6	6	6	6	6	4	5	3	2	2	2	2	1	1	1	2	3	2	2	2	2	3	3	3
4	3	2	3	3	4	6	6	7	8	10	7	5	7	11	9	3	4	5	4	7	5	6	7	6	6
5	6	6	5	6	6	7	6	6	6	6	6	6	6	6	6	6	9	7	6	7	7	3	3	3	6
6	2	3	6	7	5	7	7	6	7	6	6	6	8	8	6	4	4	8	6	7	11	19	6	5	7
7	4	6	6	5	5	6	5	5	8	7	12	10	9	9	6	4	4	8	6	7	11	19	6	5	7
8																									
9																									
10	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11	6	6	6	6	6	6	5	4	4	5	4	4	5	4	4	2	4	4	4	6	6	2	2	2	4
12	2	2	2	2	4	6	6	6	6	6	6	6	6	5	6	5	5	8	8	7	7	6	8	6	5
13	8	4	5	5	8	10	9	8	6	7	6	6	13	7	4	6	5	6	6	4	4	4	4	3	6
14	6	6	5	4	4	7	7	8	8	7	6	6	3	3	3	2	2	4	7	2	2	2	2	3	3
15	3	4	3	2	3	4	4	4	4	4	2	2	2	2	2	5	9	7	2	2	2	2	2	1	2
16	4	4	4	4	6	3	3	4	2	1	2	2	2	2	2	6	7	8	8	10	10	9	9	7	8
17	4	3	2	4	6	8	8	14	15	7	8	6	6	6	7	8	8	8	10	10	9	9	7	8	5
18	8	9	10	10	10	8	9	9	8	10	8	3	2	3	2	2	2	4	4	1	2	2	2	2	1
19	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	1	3	3	1	1	0	0	0	1
20	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21	0	1	1	1	1	0	2	2	2	3	3	2	2	1	0	0	0	0	0	2	2	1	2	2	1
22	5	6	6	5	4	8	2	6	4	2	2	1	0	0	0	0	0	0	1	0	0	0	0	0	2
23	0	0	0	1	0	4	2	3	4	4	2	0	1	1	1	0	0	0	1	5	4	3	2	2	1
24	2	1	2	2	2	7	8	5	4	5	2	1	2	2	2	2	0	2	4	3	2	2	2	2	1
25	0	0	0	0	0	0	0	1	1	0	2	0	2	2	3	2	3	3	4	4	4	4	4	3	3
26	2	2	2	2	2	2	3	2	4	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	4
27	3	3	2	2	2	2	3	3	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	4	4	4	4	4	5	5	5	5	5	4	3	4	4	3	3	4	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 85

UNITS - PARTS PER HUNDREDMILLION

MONTH MAR 70

PERCENTAGE OF DATA VALID - 58

UNITS - PARTS PER HUNDREDMILLION

MONTH APR 70

PERCENTAGE OF DATA VALID - 35

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
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26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 70

STATION - SCIENCE CENTRE DON ALDIS CARLI AS STAGE																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	10	9	10	10	9	10	11	11	11	11	11	11	13	13	13	12	13	13	12	11	11	11	11
2	11	11	11	12	12	12	12	12	12	11	11	11	11	11	13	13	13	13	13	13	12	11	11	11	11
3	4	5	4	4	5	5	3	4	4	4	4	4	4	4	13	13	13	13	13	13	12	11	11	11	11
4	3	3	3	2	3	3	4	11	8	4	7	8	11	10	13	16	14	22	5	5	5	4	4	4	4
5	4	4	4	3	3	3	4	7	5	4	5	6	8	12	8	5	4	4	5	6	5	4	4	4	4
6	3	2	2	2	2	2	1	2	2	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	0	0	1	1	1	1	1	5	7	5	5	6	2	1	1	1	0	0	0	0
9	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	3	3	3	3	3	3	3	3	3
12	3	2	2	2	2	1	1	2	1	0	1	1	1	2	7	3	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	3	2	3	2	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1
16	0	1	1	1	1	0	0	0	2	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2
17	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	4	6	8	7	5	3	5	6	5	6	5	3	3
23	3	2	2	2	2	2	2	3	3	2	2	2	3	4	9	9	8	7	7	7	7	6	6	6	6
24	9	9	9	9	11	9	11	11	11	10	10	9	9	9	1	1	1	1	1	1	2	1	1	1	1
25	8	7	5	4	4	4	3	4	3	3	3	3	4	0	1	1	1	1	1	2	2	2	2	1	2
26	1	1	1	0	1	1	0	1	2	2	2	2	2	2	2	1	0	0	1	1	1	1	1	1	1
27	1	2	1	1	1	1	0	0	1	1	1	2	1	2	2	3	1	1	1	2	2	3	3	4	2
28	1	0	0	0	0	0	0	0	1	1	3	5	6	3	1	1	0	0	1	2	3	3	3	4	2
29	3	4	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	11	10	9	7	7	7	7
30	7	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	5	5	5	4	4	6
MEAN	3	3	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	4	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	5	6	7	8	9	7	11	7	5	5	5	5	5	5	5	4	4	5
2	4	4	4	4	4	4	4	5	5	5	5	5	6	5	5	5	5	5	5	5	5	3	3	3	4
3	3	3	2	2	2	2	1	1	2	4	4	5	6	5	4	6	5	5	4	4	4	4	4	3	4
4	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	1	1	1	2	3	1	1	2
5	1	1	1	1	0	0	1	1	1	3	2	2	2	2	2	1	1	1	1	1	2	3	2	1	1
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	2	3	0	1
7	4	4	3	3	3	3	4	5	6	7	8	7	5	6	7	7	5	5	6	6	6	7	6	6	2
8	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	6	5	5	5	4	3	6
9	3	3	3	3	3	2	2	3	3	3	5	5	6	5	5	6	7	8	7	6	5	5	4	3	6
10	****	****	****	****	****	****	****	****	****	****	****	2	3	5	17	13	7	8	7	6	4	3	3	3	****
11	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	2	3	3	2	2	2	2
12	2	2	3	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
13	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
14	2	2	2	2	1	1	1	1	3	3	3	4	4	4	5	5	5	4	5	5	5	4	4	5	3
15	5	4	4	4	4	3	3	3	4	4	4	4	4	5	5	5	4	5	6	5	4	4	4	4	4
16	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
17	2	3	7	8	5	5	3	4	6	4	2	4	4	3	3	2	3	6	4	5	4	3	3	3	4
18	2	2	3	3	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2
19	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
20	1	1	1	2	2	2	2	3	4	4	4	4	3	3	3	2	2	2	1	2	2	1	1	1	2
21	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	0	0	0	0	0	1	2	2	2	2	2	4	3	2	2	2	2	4	3	2	2	1	1	2
23	1	1	1	0	0	0	1	1	3	4	4	4	5	4	4	5	4	5	5	5	5	5	4	4	3
24	4	4	3	3	3	3	3	4	7	6	5	5	5	5	5	6	6	5	5	6	5	5	4	4	5
25	4	4	4	4	4	4	3	4	5	5	5	5	7	7	7	7	8	7	7	8	10	9	8	6	6
26	5	5	5	4	3	3	3	4	6	7	9	10	8	7	7	7	7	7	7	7	8	8	8	6	6
27	6	5	5	4	4	4	4	7	8	12	12	9	9	9	8	8	7	7	8	8	7	7	6	7	7
28	6	7	7	8	8	9	8	8	8	8	8	9	9	8	8	8	8	7	7	6	6	5	5	4	7
29	4	4	4	4	4	4	4	6	6	6	6	6	7	11	7	7	16	14	9	8	8	7	6	7	7
30	6	6	6	6	6	6	6	7	7	****	****	6	7	9	8	8	8	8	8	7	8	7	7	7	7
31	7	7	7	7	6	6	6	6	9	9	8	8	15	13	9	10	9	7	6	6	6	5	5	5	8
MEAN	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	4	4	5	4	4	3	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5	5	4	4	4	5
2	3	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4
3	5	7	5	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	3	4	4	3	3	3	4
4	3	3	3	3	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2
5	1	1	1	0	0	0	1	3	4	3	2	4	9	8	10	7	7	6	5	5	5	4	4	3	4
6	2	2	2	1	1	1	2	2	4	4	4	16	15	14	12	7	6	8	7	7	6	5	5	4	6
7	4	3	3	3	3	3	3	3	4	5	4	4	5	5	15	18	14	4	6	4	4	4	4	3	5
8	4	4	4	3	2	2	2	3	5	5	5	6	5	6	5	4	3	4	3	3	3	3	3	3	4
9	3	3	2	2	2	2	3	3	4	5	5	5	6	6	6	6	5	5	4	5	5	5	5	5	4
10	4	4	4	4	4	3	3	3	5	5	5	6	6	6	6	6	6	5	5	5	5	4	3	3	5
11	3	3	3	3	3	2	3	****	4	4	4	4	4	4	4	9	5	5	4	4	4	4	3	3	4
12	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	4	3	2	3	4	3	3	3	4
13	3	3	2	2	2	2	2	2	3	4	5	11	9	4	3	4	7	8	7	7	6	4	4	4	5
14	3	3	3	2	2	2	2	4	8	10	11	13	10	8	6	8	8	8	8	7	6	5	4	4	6
15	3	3	3	3	2	2	3	3	7	7	9	11	11	9	9	10	9	9	9	9	10	9	10	10	7
16	8	9	8	8	9	10	9	9	10	7	7	8	6	6	6	6	6	5	5	5	5	5	4	4	7
17	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
18	2	2	2	2	2	1	1	3	4	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3
19	3	2	2	2	2	2	2	2	3	3	3	3	4	4	6	6	6	7	7	6	7	7	7	6	4
20	6	6	6	8	9	8	8	7	8	5	7	7	6	6	5	5	4	4	3	3	4	4	3	3	6
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	****	****	****	****	****	****	****	****	****	****	****	****	6	7	6	6	7	6	7	6	6	7	6	6	****
28	6	9	8	9	13	14	11	9	10	10	9	9	9	9	9	7	3	5	6	7	7	7	7	6	8
29	6	6	6	6	6	6	6	6	7	7	6	7	7	7	7	9	9	8	7	7	7	7	6	6	7
30	6	5	5	5	5	5	6	6	6	6	6	6	7	6	7	7	8	8	8	8	7	7	6	6	6
31	6	6	6	6	6	5	6	6	7	8	7	6	4	4	5	4	3	4	4	4	4	4	4	4	5
MEAN	4	4	4	4	4	4	4	4	5	5	5	6	6	6	6	6	6	5	5	5	5	5	4	4	5

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4
2	3	3	3	3	2	2	3	4	***	***	6	11	5	8	5	6	7	3	3	3	4	3	2	2	4
3	3	3	3	3	3	3	4	11	6	5	4	4	5	5	5	4	4	3	3	3	4	3	5	5	4
4	5	5	5	6	5	5	5	5	5	4	3	4	3	3	3	3	3	3	3	3	3	2	2	2	4
5	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	3
6	2	1	1	1	1	1	1	1	1	2	2	3	3	4	7	7	6	4	3	3	3	2	2	2	2
7	2	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	3	2	2	2	4
8	3	3	3	2	2	2	2	3	7	10	5	5	4	3	3	3	3	3	2	3	***	***	***	***	3
9	2	1	2	2	2	2	1	1	2	3	1	2	2	4	6	10	11	6	5	3	***	***	***	2	3
10	2	2	2	2	2	2	5	9	***	6	6	6	5	4	3	3	3	3	3	3	***	***	***	***	4
11	***	***	***	***	***	***	***	***	***	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	***
12	2	2	2	2	2	2	1	3	***	6	5	5	5	5	5	4	5	4	3	3	3	3	3	5	3
13	11	10	10	7	6	5	5	3	***	***	***	***	***	3	3	3	2	2	2	2	2	3	3	3	5
14	3	3	3	3	3	3	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
15	***	***	***	***	***	***	***	***	***	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
16	5	5	5	5	4	4	4	4	***	***	***	4	4	3	3	3	3	2	3	3	3	3	3	3	4
17	3	3	3	3	3	2	2	2	4	***	***	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	***	***	***	***	4	4	4	4	4	***	***	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	3	3	3	3	3	3	3	3	***	3	3	3	3	5	7	6	6	5	5	5	5	5	5	5	5
20	4	3	3	3	3	3	2	2	4	5	6	6	6	6	6	6	6	6	6	5	4	4	4	4	4
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MEAN	4	4	4	4	4	3	4	4	5	5	4	5	4	5	5	5	5	4	4	4	5	4	4	4	4

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 70

	STATION												SCIENCE CENTRAL												HALL												MEAN											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN																							
1	***	***	***	***	***	***	***	***	***	***	***	***	***	11	7	7	8	5	5	4	5	5	4	4	***																							
2	4	4	6	5	5	5	7	7	7	8	8	8	7	7	7	7	7	7	8	4	6	6	5	5	6																							
3	4	4	4	4	6	5	6	6	4	4	5	4	4	4	4	4	4	4	4	3	4	5	4	4	4																							
4	4	4	4	4	4	4	4	4	6	14	15	7	12	13	4	4	4	4	4	4	4	5	5	5	5																							
5	5	5	5	4	4	4	4	4	9	8	13	10	9	7	7	10	9	8	6	5	10	9	8	12	10	8																						
6	5	5	6	7	6	10	9	8	13	10	9	7	7	13	15	14	15	15	9	9	8	7	7	6	5																							
7	5	5	4	4	4	4	4	5	7	13	13	15	14	14	15	15	9	9	8	7	8	7	7	6	5																							
8	5	5	4	4	4	4	4	5	6	***	***	7	8	9	8	8	8	9	8	7	8	7	7	6	6																							
9	5	5	5	5	5	4	4	5	5	7	6	6	6	6	7	7	7	6	6	5	***	***	***	***	***																							
10	5	5	5	5	5	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***																							
11												- DATA MISSING -																																				
12												- DATA MISSING -																																				
13												- DATA MISSING -																																				
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	5	5	4	4	4	5	4	4	***																							
15	4	4	4	4	4	4	4	5	5	6	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3																							
16	3	3	3	3	3	3	3	3	3	7	4	3	3	4	4	3	3	4	4	4	4	4	3	3	3																							
17	3	3	3	3	3	4	4	5	6	5	6	8	7	8	11	12	10	9	9	7	7	7	7	8	7																							
18	4	4	5	5	5	5	5	6	5	5	4	4	4	4	4	4	4	4	4	5	4	4	5	4	4																							
19	3	3	3	3	2	2	2	3	3	4	5	4	4	2	2	2	2	2	2	2	2	3	2	3	3																							
20	3	3	2	2	2	2	2	3	3	4	5	4	4	2	2	3	3	3	3	3	2	3	3	3	3																							
21	3	4	4	3	3	3	3	3	3	4	3	3	3	3	3	2	3	3	2	2	3	3	3	2	3																							
22	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6	5	4	3	3	3	2	3																							
23	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3																							
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2																							
25	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2																							
26	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***																							
27	***	***	***	***	***	***	***	***	***	***	***	***	***	7	8	8	8	8	8	8	8	8	7	7	***																							
28	7	7	7	7	8	8	8	8	8	7	7	8	***	***	1	1	1	1	1	0	0	1	0	0	0																							
29	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0																							
30	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
31												- DATA MISSING -																																				
MEAN	3	4	4	3	4	4	4	4	5	5	5	5	5	6	5	5	5	4	4	4	4	5	4	4	4																							

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2	1	1	0	0	2	1	1	1	1	1	0	0	0	0	0	2	2	1	1	0	0	0	0	0	****
3	1	1	1	0	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1
4	3	3	3	2	3	4	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5	1	1	1	2	5	4	4	4	4	4	4	6	6	1	2	6	10	5	11	8	1	1	1	1	4
6	1	1	2	3	3	4	3	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	1	1	1	0	2	1	0	1	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
9	0	0	0	0	1	1	1	0	0	0	0	0	8	****	****	****	****	****	****	****	****	****	****	****	****
10	0	0	0	0	1	1	1	0	0	0	0	0	8	****	****	****	****	****	****	****	****	****	****	****	****
11	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
12	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
13	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	4	2	2	1	2	3	3	3	3	****
16	3	4	4	3	3	3	3	****	****	****	****	****	****	****	****	****	5	6	5	5	5	5	5	5	****
17	6	6	6	5	6	6	6	6	6	6	6	5	5	5	3	3	4	4	4	4	4	4	4	4	5
18	4	3	3	3	4	4	5	4	3	3	3	3	3	3	3	3	4	3	3	4	5	5	5	5	6
19	4	4	4	5	7	6	6	7	7	7	6	7	6	6	6	5	6	7	7	6	6	5	5	5	6
20	5	4	4	5	6	5	5	4	3	3	3	3	5	11	7	11	5	4	4	4	7	5	4	4	5
21	3	4	4	2	3	3	2	2	2	2	3	3	2	3	3	3	4	4	4	5	6	6	6	6	9
22	5	5	4	5	8	7	7	6	6	6	7	9	6	5	5	8	8	6	5	5	5	5	5	5	6
23	6	4	4	8	7	6	6	4	4	3	3	3	2	2	2	2	3	2	2	2	2	1	0	0	3
24	2	2	2	3	4	3	3	3	5	4	3	3	3	3	3	3	4	4	3	3	4	4	4	4	3
25	5	4	3	5	7	7	5	5	3	3	4	2	2	2	4	3	3	3	5	4	5	5	5	3	4
26	3	3	3	4	4	4	4	4	4	6	8	7	6	6	6	6	7	7	7	7	7	7	7	7	6
27	6	6	7	10	10	9	9	9	7	6	6	7	7	6	6	6	6	5	5	5	4	5	5	5	7
28	5	5	4	5	5	5	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4
29	4	4	4	4	5	5	5	5	3	4	4	4	5	5	5	4	2	2	2	1	2	3	3	3	4
30	3	3	3	4	4	4	6	5	5	4	3	4	3	4	0	2	2	2	2	2	2	2	2	2	3
MEAN	3	3	3	3	4	4	4	4	3	3	3	4	3	3	3	4	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	3	3	3	2	2	2	2	1	****	****	1	0	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	2	2	1	1	1
3	1	1	1	1	1	1	2	2	2	2	1	1	1	1	5	4	3	2	2	2	1	1	1	1	2
4	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
5	1	2	2	3	2	3	2	1	2	2	2	2	0	1	1	1	1	1	1	1	1	1	0	1	1
6	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	2	1	1	1	1	1	1
7	1	1	0	0	1	1	1	1	0	0	1	0	****	2	2	0	0	0	0	0	0	0	0	0	0
8	1	1	1	0	0	1	2	2	2	2	2	1	2	3	2	2	1	1	1	1	2	1	2	1	1
9	1	1	1	1	2	3	3	1	2	4	3	3	2	2	2	2	1	2	1	1	1	1	1	1	2
10	0	0	1	0	1	2	1	1	2	2	2	2	1	0	0	0	0	2	2	2	2	2	2	1	1
11	1	2	2	2	1	1	3	3	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	2	2	1	2	4	10	11	3	3	3	4	5	4	3	3	1	2	2	3	3
15	1	1	1	0	1	0	0	1	2	1	2	2	4	1	0	1	0	0	0	0	0	0	1	0	1
16	0	0	0	0	0	0	0	0	0	1	2	2	0	****	****	****	2	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	0	0	****	1	2	2	0	0	0	0	0	0	1	0	0	0
18	0	0	0	1	1	1	0	2	2	2	1	1	1	4	4	0	0	1	2	1	0	0	0	0	1
19	1	1	1	1	1	2	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	1	1	0	0	0	0	0	3	3	2	3	3	2	3	3	3	3	2	2	1	1
22	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1
23	1	2	2	1	1	1	1	1	1	0	1	1	1	1	1	0	1	2	1	1	2	2	1	1	1
24	1	6	3	2	1	1	2	2	3	1	2	3	4	4	4	3	2	2	3	3	3	4	3	3	3
25	3	2	3	4	3	4	5	4	5	3	5	7	2	2	2	5	5	6	6	4	5	7	6	3	4
26	3	2	3	1	2	1	1	1	1	1	1	1	3	2	1	1	1	1	1	2	3	2	2	2	2
27	2	2	3	3	2	2	2	1	2	1	1	1	0	1	1	1	1	1	1	2	1	0	1	1	2
28	6	5	5	5	4	4	4	3	3	2	1	2	2	2	2	2	2	3	3	3	3	2	2	2	3
29	2	2	1	1	2	2	3	3	3	5	5	3	3	2	1	1	0	1	1	1	1	1	0	0	2
30	1	1	1	0	0	0	1	2	2	2	1	0	1	0	1	1	0	1	1	1	2	1	1	2	1
31	2	2	1	1	2	2	3	2	1	1	2	2	2	1	1	0	1	2	2	2	2	1	1	1	2
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	6	11	37
FEB	26	4	8	19
MAR	23	3	6	16
APR	12	2	7	13
MAY	7	9	10	11
JUN	30	3	11	22
JUL	31	4	8	17
AUG	26	5	8	18
SEP	28	4	7	11
OCT	27	4	8	15
NOV	25	3	7	11
DEC	31	1	4	11
YEAR	290	4	11	37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	235	279	28	16	1	0	559
FEB	354	215	5	2	0	0	576
MAR	340	86	7	1	0	0	434
APR	227	27	4	0	0	0	258
MAY	7	123	2	0	0	0	132
JUN	559	107	39	2	0	0	707
JUL	453	259	7	3	0	0	722
AUG	339	257	11	4	0	0	611
SEP	347	235	4	0	0	0	586
OCT	349	198	12	4	0	0	563
NOV	381	165	3	0	0	0	549
DEC	713	22	1	0	0	0	736
YEAR	4304	1973	123	32	1	0	6433

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
73	0	0.4	1.4	2.7	4.3	7.2	8.6	10.5	12.2	37	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
15	1	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	2	2	1	1	0	1	0	0	0	0
17	1	1	1	1	1	1	1	1	1	1	2	3	2	3	3	2	2	2	2	3	2	2	2	2	2
18	2	1	2	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2
19	0	0	0	0	0	3	2	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1
20	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	3	2	1	1	1	1	2	2	2	1
21	2	1	2	1	1	2	1	1	4	4	5														
22																									
23																									
24	1	1	1	1	3	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	1	1	2	1	0	0	0	0	0
26	0	1	0	1	3	3	2	1	0	0	1	2	5	3											
27																									
28					5	5	4	5	6	6	5	5	5	4	4	4	4	4	4	4	4	4	5	4	5
MEAN	1	1	1	1	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	5	5	6	5	5	5	6	6	6	5	4	4	4	5	5	5	5	4	4	4	3	3	5
2	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4
3	4	4	3	4	4	4	5	5	5	4	4	4	4	3	3	4	4	4	4	4	3	3	3	3	4
4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	4	4	3	3	3	3	4
5	3	3	3	3	5	5	5	5	4	4	3	3	3	3	3	3	4	4	3	3	3	2	3	2	3
6	3	3	3	3	4	3	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15					4	3	3	3	3	2	2	2	2	1	1	3	3	3	3	3	3	3	2	2	3
16	2	1	1	2	3	3	3	2	2	2	2	2	2	1	0	2	2	2	2	2	2	1	1	1	2
17	1	1	1	2	3	2	4	4	3	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	2
18	3	2	3	3	4	4	4	4	4	4	3	3	3	3	3	6	7	7	7	7	7	7	7	7	4
19																1	1	1	1	2	3	5	6	4	3
20	2	2	2	2	2	3	3	4	13	14	14	13	13	12	11	11	12	12	11	11	11	10	10	9	9
21	9	8	8	8	7	7	6	7	7	7	6	7	7	6	5	5	5	5	4	4	4	4	6	5	6
22	5	5	6	5	5	5	4	4	4	4	3	3	3	4	5	4	4	4	4	4	4	5	4	4	4
23	4	4	6	5	5	5	5	5	4	4	4	4	3	3	3	3	3	4	5	4	4	4	4	3	4
24	3	3	3	2	2	1	2	4	3	3	3	3	3	3	3	1	1	1	1	1	2	2	1	1	2
25	0	1	1	1	4	3	3	3	1	1	1	1	1	1	0	8	11	12	12	12	12	11	11	11	5
26	11	10	9	9	11	10	10	10	9	9	8	1	1	1	0	2	2	3	2	1	1	1	0	0	5
27																									
28																									
29																									
30																									
31																									
MEAN	4	4	4	4	4	4	4	5	5	5	4	4	3	3	3	4	4	5	5	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	5	4	4	3	2	2	****
2	2	2	1	1	4	4	4	4	3	0	0	1	1	1	0	0	5	4	4	4	4	4	3	4	****
3	9	9	9	8	****	****	****	****	****	****	****	****	****	****	****	****	5	4	4	4	4	4	3	4	****
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
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16																									
17																									
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19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	1	0	1	3	2	****
29	1	1	1	0	0	0	0	2	1	2	6	8	9	6	3	2	2	2	2	2	4	4	4	4	3
30	1	1	1	0	0	0	0	2	1	2	6	8	9	6	3	2	2	2	2	2	4	4	4	4	3
MEAN	3	4	4	3	2	2	2	3	2	1	3	4	4	3	2	2	3	2	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 13

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 70

STATION - D.O.H. BATHURS & WILSON																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	2	2	2	2	5	4	****	12	4	1	1	2	2	1	****	****	****	****	****	****	3
2																									
3																									
4																									
5																									
6	****	****	****	****	****	****	****	****	****	2	2	2	1	1	1	2	1	2	2	2	3	5	4	3	****
7	3	3	3	3	5	5	2	2	****	10	12	10	8	10	12	10	8	6	8	6	4	3	3	2	6
8	2	2	2	2	3	6	7	9	****	3	3	3	2	2	2	2	2	1	1	1	1	1	****	****	
9	2	1	****	****	****	****	****	****	****	4	8	13	6	7	5	3	2	2	1	1	1	1	1	0	3
10	****	****	****	****	****	****	****	****	****	3	3	2	2	2	2	1	1	1	1	1	1	0	****	****	
11	****	****	****	****	****	****	****	****	****	3	3	2	2	2	2	1	1	1	1	1	1	0	****	****	
12	****	****	****	****	****	****	****	****	****	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	****
13	1	1	1	1	1	2	2	2	2	2	4	3	2	2	5	6	3	2	2	1	4	3	3	2	2
14	2	2	1	1	1	1	1	1	1	3	3	2	2	1	2	2	2	2	2	2	4	4	3	3	2
15	2	2	2	1	0	0	0	0	0	2	2	2	1	1	2	2	2	2	2	2	3	4	3	3	2
16	2	2	2	2	2	2	2	2	2	4	3	3	2	2	2	2	1	1	1	1	3	3	3	2	2
17	3	3	2	2	2	3	2	2	2	4	3	6	8	5	4	3	4	7	5	5	5	5	3	3	4
18	3	3	3	3	4	7	8	6	4	****	4	2	2	2	1	1	1	1	1	****	****	****	****	****	
19	3	3	3	3	4	7	8	6	4	****	3	2	2	1	1	4	7	4	4	3	5	7	9	8	****
20	****	****	****	****	****	****	****	****	****	3	2	2	1	1	1	4	7	4	4	3	5	7	9	8	****
21	5	4	3	3	2	2	4	4	2	4	4	3	3	8	4	4	4	7	6	17	10	8	9	5	5
22	6	6	6	5	2	1	0	1	0	4	4	3	2	2	2	2	2	1	1	1	3	3	3	2	3
23	2	1	1	1	1	0	0	0	0	3	2	2	2	2	2	1	1	1	1	2	2	5	5	3	2
24	3	3	2	2	2	1	1	1	0	3	2	1	1	1	1	1	1	1	1	****	****	****	****	****	
25	****	****	****	****	****	****	****	****	****	3	9	10	20	9	3	5	7	7	5	7	3	2	1	****	****
26	****	****	****	****	****	****	****	****	****	4	2	4	2	1	1	2	2	2	1	1	1	3	3	3	2
27	2	2	2	2	2	1	1	1	1	4	3	2	2	3	2	2	2	2	2	1	4	4	3	3	2
28	3	3	3	2	2	3	2	3	3	5	5	4	3	3	3	4	4	4	3	3	5	5	4	3	3
29	4	4	4	4	3	4	4	4	4	6	5	4	3	3	3	3	3	3	3	3	4	4	3	3	4
30	4	4	7	7	6	4	4	4	4	5	5	4	4	3	3	3	3	3	3	4	6	6	6	6	5
31	6	6	7	11	6	4	5	7	7	8	7	5	5	5	5	5	5	4	3	3	5	5	5	6	6
MEAN	3	3	3	3	2	3	3	3	3	5	4	4	3	3	3	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - SULPHUR DIOXIDE											UNITS - PARTS PER HUNDREDMILLION														
STATION - D.O.H. BATHURST & WILSON											NO 34007														
											MONTH JUN 70														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	5	6	7	9	8	8	5	5	5	4	6	6	5	4	3	3	3	3	3	2	5
2	2	3	4	3	2	3	5	7	7	8	10	6	6	6	4	3	5	3	2	3	2	4	3	2	4
3	2	1	1	1	1	0	0	0	0	3	2	2	3	1	1	1	0	0	0	0	0	2	2	2	1
4	1	1	1	1	0	1	2	2	3	12	5	3	2	3	2	3	3	2	3	5	5	4	5	3	3
5	2	2	2	2	1	1	1	2	1	3	3	4	6	2	1	1	1	2	3	3	3	3	2	2	2
6	1	2	0	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0
7	1	1	0	0	0	1	1	1	2	8	6	5	5	5	4	3	4	3	2	2	3	5	7	6	3
8	4	4	3	3	2	1	2	2	3	4	3	2	2	3	7	3	1	0	0	1	3	3	2	2	3
9	2	2	1	1	1	1	1	1	1	3	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0
10																									
11																									
12																									
13																									
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26																									
27																									
28																									
29																									
30																									
MEAN	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4	3	3	3	3	3	4	4	4	4	4
PERCENTAGE OF DATA VALID - 69																									

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - SULPHUR DIOXIDE											UNITS - PARTS PER HUNDREDMILLION														
STATION - D.O.H. BATHURST & WILSON											NO 34007														
											MONTH JUL 70														
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1													- DATA MISSING	-											
2													- DATA MISSING	-											
3													- DATA MISSING	-											
4													- DATA MISSING	-											
5													- DATA MISSING	-											
6													- DATA MISSING	-											
7													- DATA MISSING	-											
8													- DATA MISSING	-											
9													- DATA MISSING	-											
10													- DATA MISSING	-											
11													- DATA MISSING	-											
12													- DATA MISSING	-											
13													- DATA MISSING	-											
14													- DATA MISSING	-											
15													- DATA MISSING	-											
16													- DATA MISSING	-											
17													- DATA MISSING	-											
18													- DATA MISSING	-											
19													- DATA MISSING	-											
20													- DATA MISSING	-											
21													- DATA MISSING	-											
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	2	2 ****
23	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	0	0	0	0	0	0	0	1	1	1
24	0	0	0	0	0	0	1	2	2	3	6	3	2	2	1	2	2	2	2	2	2	2	3	3	2
25	2	2	2	2	2	2	1	1	1	1	3	3	3	3	3	4	4	4	3	3	3	3	4	4	3
26	3	3	3	3	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	5	6	5	4	4
27	4	4	4	3	3	4	4	3	4	6	6	5	5	6	6	5	5	6	4	5	6	5	4	5	5
28	4	4	4	4	4	4	4	3	3	5	****	2	2	1	1	1	1	1	2	2	3	2	1	3	2
29	1	1	1	1	1	1	1	1	0	0	2	1	2	2	3	4	3	3	3	2	3	5	4	2	2
30	3	3	3	2	3	3	3	2	1	2	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2
31	1	1	2	1	1	1	1	1	1	1	2	2	4	8	5	3	2	1	1	1	0	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	3	4	3	3	3	3	3	2	2	2	2	2	3	3	3	2
PERCENTAGE OF DATA VALID - 29																									

PERCENTAGE OF DATA VALID - 29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	6	5	5	5	4	4	3	3	2	2	4	4	4	3	2	2	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	6	5	4	4	4	3	3	3	3	3	2	5	5	5	5	5	4	4	4	3	3	3	3	3	3
8	4	3	3	3	2	2	2	2	2	2	2	6	5	4	4	3	3	3	3	3	2	4	5	4	3
9	4	4	3	3	2	2	2	2	2	2	2	5	4	4	4	4	3	3	3	3	2	4	6	5	4
10	4	4	4	3	3	3	2	3	2	3	0	0	4	4	4	4	4	4	4	3	3	3	3	3	3
11	4	4	3	3	3	2	2	0	0	2	4	3	3	2	1	1	1	1	1	1	0	2	3	3	2
12	3	3	3	3	3	2	1	1	1	2	4	3	3	4	4	4	4	4	4	4	4	4	4	4	3
13	2	2	1	1	1	0	0	0	0	0	4	6	7	5	4	4	3	3	2	2	2	3	5	4	3
14	3	3	2	2	2	1	1	2	2	4	6	7	8	7	6	5	4	4	4	4	3	5	6	5	4
15	3	3	2	2	2	2	2	2	2	2	6	7	8	7	6	5	4	4	4	4	3	5	6	5	4
16																									
17																									
18																									
19																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	3	3	3	2	2	2	2	1	2	4	4	4	4	4	4	4	4	3	3	2	3	4	4	3

PERCENTAGE OF DATA VALID - 50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	5	6	6	5	5	5	5	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	4	4	4	4	4	4	3	3	2	2	2	1	1	0	2	3	2	2	2	2	2	2	2	2
5	1	2	3	2	2	2	2	2	1	1	1	0	0	0	2	3	5	6	5	4	3	2	2	2	2
6	1	1	2	2	2	2	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	1	1	0	2
7	2	3	4	3	3	2	2	2	3	3	3	4	3	2	2	3	3	3	2	2	2	1	1	1	2
8	0	2	2	2	2	1	2	2	3	3	3	4	0	1	2	2	2	2	2	2	2	2	2	2	2
9	1	2	3	2	2	1	1	1	0	0	0	0	0	1	2	2	3	2	3	3	2	2	2	2	2
10	1	2	2	2	2	2	2	2	1	1	0	0	0	1	2	2	1	0	1	0	0	0	0	0	0
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	3	3	3	3	2	3	3	2	2	2	2	2	3	4	3	3	3	3	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	3	3	3	3	3	3	2	2	2	2	4	7	6	5	4	5	6	6	5	4	4	4
2	3	5	7	6	5	5	6	6	5	4	3	3	3	7	8	5	5	4	4	4	3	2	2	2	2
3	2	3	4	4	4	3	3	3	3	2	2	3	2	2	3	3	3	2	2	2	2	2	2	2	2
4	1	2	2	2	2	2	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2
5	3	4	4	4	3	3	5	6	6	6	4	3	3	4	7	7	5	5	5	5	5	5	5	5	5
6	4	5	6	5	5	5	6	5	5	3	3	3	3	4	5	5	5	5	6	6	7	5	6	6	5
7	5	6	7	6	6	6	8	10	10	9	8	8	9	9	9	9	10	12	11	9	9	7	7	6	8
8	6	7	7	7	7	7	8	9	9	8	8	8	11	11	9	8	7	7	7	6	5	5	5	4	7
9	4	6	6	5	5	6	6	7	7	6	6	5	5	5	6	6	5	5	5	5	4	4	4	3	5
10	3	5	5	5	5	5	5	5	5	5	4	4	3	4	5	4	5	5	5	4	4	4	3	3	4
11	3	4	5	5	5	5	5	5	4	3	2	2	2	3	4	4	4	4	4	3	3	3	3	2	4
12	2	3	5	4	4	4	4	4	5	5	5	4	4	4	4	4	3	3	3	3	3	3	3	2	4
13	2	4	4	4	3	4	5	5	4	4	3	1	2	3	3	3	3	2	2	2	2	2	2	2	3
14	2	3	4	5	5	4	4	5	4	4	5	4	3	4	4	4	3	3	3	2	2	2	1	1	3
15	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	1	2
16	1	1	2	2	2	2	2	3	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1
17	1	2	3	2	3	2	3	3	2	1	2	2	4	5	5	5	7	5	4	4	4	3	3	2	3
18	1	2	3	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
19	1	2	2	3	2	2	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2	2	1	2
20	1	2	3	2	2	2	2	2	3	2	2	2	5	8	6	5	5	4	3	3	4	4	4	3	3
21	4	4	5	4	4	3	3	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	4
22	3	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
23	1	3	3	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	3	4	4	3	3	3	3	3	2	2	2	2	3	4	3	3	3	4	4	5	5	4	4	3
25	3	4	4	4	3	3	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3
26	2	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2
27	2	3	4	3	3	3	3	3	3	3	3	3	2	3	4	3	3	3	3	3	3	3	3	3	3
28	2	2	3	3	2	3	3	3	3	3	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3
29	3	4	4	4	3	3	3	3	3	3	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4
30	3	3	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5
MEAN	3	4	4	4	4	3	4	4	4	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	5	5	5	5	5	5	5	4	4	4	4	4	4	4	5	4	4	4	4	4	4	5
2	4	4	5	5	5	5	5	5	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
3	3	3	5	5	5	5	5	5	5	5	5	5	4	4	5	4	4	4	4	4	4	4	4	4	4
4	4	4	5	5	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4
5	3	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	4
6	4	5	6	5	5	4	4	4	5	4	2	3	2	2	2	2	2	2	2	1	1	1	1	1	3
7	1	1	4	3	3	3	2	2	2	2	1	1	2	2	1	1	1	2	2	1	2	2	2	3	2
8	3	5	6	6	5	5	5	4	3	3	3	2	2	2	3	4	3	3	3	3	3	4	4	3	4
9	3	3	4	3	3	3	3	3	4	4	3	4	6	5	4	4	4	4	4	4	6	4	3	7	4
10	4	4	6	5	4	3	3	3	3	3	3	2	2	3	4	3	3	3	3	3	3	3	2	2	3
11	2	2	2	3	3	2	2	2	2	2	2	2	2	3	5	4	4	4	3	3	3	3	3	3	3
12	2	3	4	3	3	3	3	3	3	3	2	2	2	2	4	3	3	3	3	3	2	2	2	2	3
13	2	3	4	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2
14	1	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	4	2
15	2	2	3	3	3	3	3	2	2	2	1	1	1	2	3	3	3	3	3	2	2	2	2	2	2
16	5	3	4	3	3	3	3	2	2	2	1	1	1	2	3	3	3	3	3	2	2	2	2	2	2
17	2	2	2	2	2	2	3	2	2	2	3	3	3	4	6	4	4	4	4	5	6	6	5	5	3
18	5	5	6	6	7	7	8	7	7	6	5	5	5	4	5	4	5	5	5	7	8	7	6	4	6
19	4	5	6	7	9	7	7	9	11	12	13	12	8	8	9	9	9	8	9	8	7	7	8	8	8
20	7	7	8	7	7	6	6	6	5	5	5	5	2	2	4	4	3	3	3	3	3	2	2	2	4
21	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	5	3
22	6	7	7	7	6	6	6	5	6	6	6	6	4	3	5	5	5	3	2	2	1	1	1	1	1
23	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1
24	2	3	5	6	6	5	5	5	5	4	3	3	3	3	3	3	3	3	3	2	2	2	2	3	4
25	2	2	4	3	4	4	4	4	4	4	4	9	9	9	12	9	7	7	7	5	5	5	5	7	7
26	5	9	5	5	5	6	7	11	16	12	....	....	9	6	6	5	5	5	5	5	5	5	5	7	7
27	7	6	5	5	5	5	5	6	6	6	5	4	4	3	3	3	3	3	3	2	2	2	2	2	2
28	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	3	2	2	3	3	2	2	2	2	2	1	1	2	2	2	2	2	4	3	3	3	2	2
30	2	2	2	2	2	2	1	1	2	2	1	....	2	2	4	4	3	4	4	4	4	4	4	4	4
MEAN	3	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	3	4	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	5	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	3	3	4
2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	4	4	3	3	3	3	4	3	3	2	4	3	3	3	3	3	3	3	3	3	3	3	3
4	3	4	4	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	4
5	3	6	5	3	5	6	5	7	9	8	7	4	3	2	2	2	4	2	2	2	2	2	1	1	2
6	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	4	4	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	7	7	8	6	7	9	5
8	4	4	4	4	4	5	4	6	3	3	2	3	3	4	4	3	3	3	2	2	3	3	3	3	4
9	6	7	5	4	4	4	3	3	4	4	4	2	3	4	4	4	4	3	3	3	2	3	3	3	3
10	3	3	3	6	5	4	3	4	4	4	4	3	3	3	4	4	4	3	3	3	2	3	2	2	3
11	2	2	2	2	2	2	2	3	2	2	2	1	2	2	3	3	3	3	3	3	3	2	2	2	2
12	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2
13	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
14	1	2	2	2	2	2	2	2	2	2	2	1	2	3	3	3	2	2	2	2	2	2	1	1	2
15	1	2	2	2	2	2	2	2	2	2	2	1	2	3	2	2	1	2	2	2	2	1	1	1	2
16	1	3	3	3	3	2	2	2	2	2	2	1	1	2	2	2	3	3	3	2	2	2	2	2	3
17	1	1	2	2	2	2	2	2	2	2	1	3	2	2	2	2	2	2	2	2	1	1	1	1	2
18	2	3	4	4	3	3	4	5	5	4	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1
19	1	3	4	4	4	3	3	3	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	2	2	3	3	2	2	2	1	1	1
22	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
23	1	2	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
25	1	3	3	3	3	2	2	2	2	2	2	2	2	2	1	2	3	4	3	2	2	3	3	3	2
26	2	4	3	3	3	3	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
27	1	2	4	4	4	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2
28	2	4	3	3	4	3	3	2	2	2	1	1	2	2	2	4	4	4	3	3	4	3	2	3	3
29	1	4	3	3	2	3	3	3	3	3	3	3	2	2	4	3	3	3	3	3	3	3	3	4	3
30	3	4	6	5	4	4	5	4	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
31	4	4	5	4	4	3	3	3	3	4	3	3	2	2	2	2	2	2	2	1	1	1	1	1	3
MEAN	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	14	1	5	6
MAR	18	4	9	14
APR	6	3	3	9
MAY	27	3	6	20
JUN	24	4	6	14
JUL	10	2	5	8
AUG	20	3	4	9
SEP	30	3	5	16
OCT	31	4	8	12
NOV	30	4	8	16
DEC	31	2	5	9
YEAR	241	3	9	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	264	11	0	0	0	0	275
MAR	291	80	23	0	0	0	394
APR	80	16	0	0	0	0	96
MAY	438	99	5	2	0	0	544
JUN	374	116	8	0	0	0	498
JUL	199	21	0	0	0	0	220
AUG	304	72	0	0	0	0	376
SEP	627	50	0	1	0	0	678
OCT	542	189	4	0	0	0	735
NOV	536	173	7	1	0	0	717
DEC	709	34	0	0	0	0	743
YEAR	4364	861	47	4	0	0	5276

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
65	0	0.5	1.4	2.2	3.1	4.9	6.3	8.3	9.9	20	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16	6	5	5	5	4	5	3	4	3	3	10	26	17	16	11	8	6	5	6	7	5	4	4	6	****
17	4	4	3	3	3	3	4	5	4	5	5	9	6	4	4	3	3	3	3	3	3	3	3	4	4
18	4	4	4	4	5	10	9	9	8	7	7	8	9	7	6	6	6	4	2	3	3	3	4	4	6
19	3	3	3	4	4	5	4	4	4	4	5	5	5	5	4	4	4	3	2	3	2	3	4	4	4
20																									
21	3	4	3	4	4	4	4	4	4	5	****	****	5	6	6	6	7	6	5	5	5	5	5	6	****
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	****	****	****	****	****	****	****	****	5
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26	5	5	5	4	5	5	5	4	5	8	8	7	5	6	10	6	7	8	9	11	9	8	7	6	7
27	6	6	6	6	6	6	6	5	7	6	3	3	3	3	2	2	2	1	2	2	3	6	7	6	4
28	4	3	3	3	3	3	3	2	3	3	3	4	5	4	4	4	4	3	2	1	1	2	2	2	3
29																									
30																									
31	2	3	3	3	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	4	4	4	4	4	5	5	5	5	5	5	8	7	6	6	5	5	4	4	5	4	5	5	5	5

PERCENTAGE OF DATA VALID - 32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2	5	4	3	3	3	4	7	5	3	4	3	6	4	4	4	3	2	2	2	2	4	15	15	6	****
3	3	3	3	4	5	5	5	4	4	6	5	4	4	3	4	4	5	4	3	8	6	5	6	6	5
4	6	6	6	6	6	5	5	5	4	5	5	5	5	3	3	3	2	2	2	2	2	3	2	2	4
5	2	2	3	6	7	6	5	8	13	10	7	5	5	5	4	4	4	4	3	3	4	5	4	3	5
6	3	2	2	2	2	2	2	2	2	4	3	3	3	3	3	3	4	4	5	5	6	5	4	3	5
7	4	4	4	4	4	4	5	6	6	6	8	12	22	15	13	11	13	12	9	7	6	6	5	5	8
8	8	8	7	7	6	6	6	7	8	6	6	6	6	6	6	6	6	6	6	6	9	8	9	7	7
9	7	6	6	5	11	10	11	6	6	6	4	3	3	3	2	1	1	1	1	1	1	1	2	2	4
10																									
11	2	2	3	4	4	3	3	2	2	3	3	2	4	5	5	5	4	2	2	1	2	3	5	2	3
12	1	1	1	1	1	1	1	1	1	5	5	2	2	2	2	2	2	1	1	1	2	3	2	2	4
13	2	3	4	5	7	7	7	5	5	6	4	5	3	3	3	3	2	2	1	1	2	3	5	9	3
14	2	2	2	2	1	1	2	2	2	3	2	2	2	2	2	2	2	2	1	1	1	2	2	2	3
15	9	7	4	3	3	3	4	3	2	3	3	3	3	3	3	2	2	2	3	2	2	3	3	4	2
16	1	1	1	1	1	2	1	1	1	****	2	3	2	2	2	2	2	2	3	3	2	3	3	4	2
17	4	3	2	4	4	3	5	8	7	7	7	7	7	7	7	6	5	5	6	6	6	6	5	6	5
18	9	10	9	7	9	****	****	****	****	****	2	2	2	2	2	2	2	2	1	1	1	1	2	2	****
19	1	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	0	0	0	1	1	1	1
20																									
21	1	1	1	1	1	1	1	1	1	1	3	3	3	2	2	2	2	1	1	1	1	1	1	1	2
22													- DATA MISSING -												
23	3	2	2	3	4	4	3	4	6	5	4	4	3	3	3	3	2	2	2	2	3	3	3	3	****
24	2	2	2	2	2	1	1	2	4	6	5	2	3	3	4	4	5	5	2	2	1	2	2	1	3
25	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	3	4	4	3	4
26	5	5	5	5	5	4	4	3	2	3	5	5	4	4	4	6	5	4	4	4	4	4	4	3	5
27	3	3	3	4	4	5	5	5	6	7	7	7	6	6	6	6	6	5	4	4	4	4	4	4	4
28																									
MEAN	4	3	3	4	4	4	4	4	4	5	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	5	5	5	5	10	11	11	5	7	12	10	8	5	5	5	6	7	8	9	7	7
2	7	6	6	5	5	5	5	5	6	6	6	6	6	9	9	7	7	5	4	3	4	7	6	5	6
3	5	5	5	6	9	8	6	6	6	6	5	4	5	5	5	5	5	5	6	6	7	8	9	6	6
4	6	6	7	7	8	9	8	9	11	12	10	10	7	5	5	5	5	5	4	3	3	4	4	4	7
5	4	4	4	10	11	8	6	5	5	5	4	5	4	4	4	4	6	8	4	4	4	4	3	4	5
6	4	4	4	3	3	3	3	3	4	4	4	4	5	8	4	3	3	3	3	3	3	5	4	4	4
7	4	4	4	3	3	3	2	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4	3	3	4
8	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	4	3	3	2	3
9	2	3	3	3	3	3	3	3	3	4	5	4	4	4	2	2	2	2	2	3	6	9	5	3	3
10	2	2	2	2	2	3	3	3	4	7	5	4	3	2	2	2	2	1	1	1	1	1	1	1	2
11	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	3	4	10	17	10	8	6	7	7	7	6	5	4	5	4	5
13	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
14	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	2	3	3	2	2	3
15	2	2	2	2	2	2	2	2	3	2	3	3	3	2	2	2	3	3	3	4	4	3	2	2	3
16	2	2	2	2	2	2	2	2	3	2	2	2	4	3	3	3	3	3	3	3	3	3	2	2	3
17	3	3	3	3	3	3	2	3	3	3	3	2	3	2	3	2	2	2	2	2	3	1	1	1	2
18	2	1	1	2	2	2	2	3	5	6	4	4	4	3	3	3	3	4	4	4	4	5	4	5	4
19	4	3	2	2	2	2	2	2	3	4	0	0	6	8	7	7	5	4	4	3	5	5	5	6	4
20	5	4	3	11	9	9	9	8	8	8	6	5	4	4	4	4	4	4	3	3	3	4	4	4	5
21	4	4	4	5	5	4	5	4	4	5	5	4	5	5	6	6	5	5	5	5	4	6	9	7	5
22	5	5	5	5	4	4	4	4	5	6	5	5	5	4	4	6	9	8	6	5	9	6	5	5	5
23	4	4	4	4	4	4	4	3	3	4	4	3	3	***	2	2	1	1	1	2	2	1	1	1	3
24	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	0	1
25	0	0	1	1	1	1	0	0	0	0	2	2	3	3	2	2	2	2	2	3	2	3	2	2	2
26	3	2	3	2	3	3	2	2	3	2	2	2	2	3	2	2	2	2	2	3	2	3	2	2	2
27																									
28																									
29																									
30																									
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	8	4	4	3	3	3	2	2	2	****

MEAN

PERCENTAGE OF DATA VALID - 83

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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22																									
23																									
24																									
25																									
26																									
27	3	3	3	3	3	3	3	3	3	2	7	7	7	4	4	6	7	6	6	5	5	7	5	5	5
28	4	4	4	4	4	3	3	4	3	3	6	7	5	4	4	5	3	4	3	2	3	2	2	2	4
29	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	3	2	3	3	3	3	3	2	4
30	****	****	****	****	****	****	****	****	****	****	****	4	4	4	4	3	2	3	3	3	2	4	3	2	****
MEAN	3	3	3	3	4	3	3	4	3	3	7	6	5	4	4	4	4	4	4	3	3	5	3	3	4

PERCENTAGE OF DATA VALID - 9

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAY 70

STATION - RAINBURN/KENFORTH RD ELYSBORE RD 10000																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	2	2	3	3	2	3	3	3	4	3	2	2	2	3	3	3	2	3	3	2	3	3	2	3	
2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	3	2	2	2	
3	2	1	2	1	2	1	1	2	2	2	2	2	2	1	1	1	2	2	3	4	1	1	3	2	2	
4	3	3	3	3	3	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	2	
5	2	2	2	2	2	2	2	2	2	2	1	5	2	1	1	1	1	1	1	1	1	2	2	1	2	
6	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	
7												- DATA MISSING -														
8												- DATA MISSING -														
9												- DATA MISSING -														
10												- DATA MISSING -														
11	***	***	***	***	***	***	***	***	***	2	3	3	3	3	3	2	2	2	2	1	1	3	3	3	***	
12	3	2	2	3	2	4	2	2	2	2	2	***	7	4	5	6	7	7	8	4	2	4	3	2	4	
13	2	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	3	2	1		
14	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	3	2	2	1	1	1	3	2	2	1	
15	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	1	1	1	1	1	1	
16	2	1	1	2	1	1	1	1	1	1	2	2	1	1	2	2	2	3	2	1	1	1	1	1	1	
17	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	***	***	***	1	1	1	1	1	2	1	
18	1	1	1	2	***	0	0	1	2	2	1	1	1	1	5	4	3	3	2	2	2	2	2	2	2	
19	1	1	2	2	3	2	2	2	1	2	2	2	2	3	2	2	2	2	2	3	2	3	2	2	2	
20	2	2	2	2	2	2	1	1	2	3	2	2	2	3	2	2	2	2	2	3	2	3	2	2	2	
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	4	6	3	3	1	1	1	4	2	2	***	
22	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	2		
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	1	1		
24	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
26	1	1	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
28	1	1	0	0	0	0	0	0	0	1	1	3	5	2	***	***	***	***	***	***	***	***	***	***	***	
29																										
30																										
31																										
MEAN	2	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUN 70

STATION - RATHBURN/RENFORTH RD ELLISBURG NO 99009																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING	-												
2													- DATA MISSING	-												
3													- DATA MISSING	-												
4													- DATA MISSING	-												
5	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	4	3	4	4	3	3	3	***	
6	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2		
7	2	2	2	2	2	2	2	4	5	5	3	3	4	3	2	2	2	3	4	4	4	2	2	3		
8	2	2	2	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
9													- DATA MISSING	-												
10													- DATA MISSING	-												
11													- DATA MISSING	-												
12	***	***	***	***	***	***	***	***	***	***	***	***	***	2	8	2	1	1	1	1	1	1	1	1	***	
13	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	4	3	6	5	1	0		
14	0	0	1	1	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
15													- DATA MISSING	-												
16													- DATA MISSING	-												
17													- DATA MISSING	-												
18													- DATA MISSING	-												
19													- DATA MISSING	-												
20													- DATA MISSING	-												
21													- DATA MISSING	-												
22													- DATA MISSING	-												
23													- DATA MISSING	-												
24													- DATA MISSING	-												
25													- DATA MISSING	-												
26													- DATA MISSING	-												
27													- DATA MISSING	-												
28													- DATA MISSING	-												
29													- DATA MISSING	-												
30													- DATA MISSING	-												
MEAN	2	1	2	2	2	2	2	2	3	3	2	2	2	2	3	2	2	2	3	2	4	3	2	2	2	

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
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26																									
27																									
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
31	7	4	0	0	9	8	3	1	17	12	2	4	4	4	3	3	6	10	11	7	13	12	20	20	8
MEAN	7	4	0	0	9	8	3	1	17	12	2	4	2	2	2	2	7	8	9	9	12	11	11	13	7

PERCENTAGE OF DATA VALID - 4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	5	11	1	1	1	0	1	1	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2
2	2	2	3	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6																									
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	3	3	3	3	2	2	2	2	2	2	3	4	4	3	4	3	3	3	2	1	1	1	1	0	2
9	1	1	1	1	2	2	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
10	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1
11	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	0	0	1
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	9	4	1	3	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
15																									
16																									
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	0	0	0	0	0	0	0	0	0	1	2	1	4	3	1	8	15	19	10	2	1	0	0	0	3
19	0	0	0	2	2	2	4	3	1	1	1	1	2	2	2	2	6	2	2	2	1	1	1	1	2
20	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	0	0	1
21	0	0	0	0	0	0	0	1	1	1	2	2	0	0	0	0	0	0	2	2	1	0	0	0	1
22	0	0	0	0	0	0	0	1	1	1	2	2	0	0	0	1	1	2	3	1	1	0	0	0	1
23	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0
24	1	1	1	1	1	1	1	2	1	1	1	1	1	7	7	7	6	12	19	4	2	0	0	1	3
25	1	1	1	1	0	0	3	3	3	4	3	3	3	3	4	4	4	3	4	3	3	2	2	1	2
26	1	1	1	1	1	1	2	2	2	3	2	1	3	2	2	2	2	2	2	3	1	0	0	0	2
27	0	0	0	0	0	0	1	1	1	4	6	3	4	5	4	1	1	2	2	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
30	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
31	0	1	1	1	0	0	1	1	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	2
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	3	3	3	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	2	2	3	2	2	2	2	2	3
2	2	2	2	2	2	2	4	4	3	3	4	14	7	5	3	5	7	6	9	4	3	2	1	1	4
3	4	5	3	4	3	3	4	4	4	4	5	6	6	7	6	6	5	5	7	5	3	3	3	3	5
4	2	2	2	2	2	1	3	3	3	3	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2
5	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2	2	2	2	6	2	1	1	1	2
6	1	2	1	1	1	3	3	3	3	2	2	2	2	5	7	8	9	7	7	4	4	2	2	2	3
7	2	2	2	2	2	2	4	4	4	3	3	3	3	4	4	4	4	4	5	4	2	2	1	2	3
8	2	2	3	3	2	2	3	4	5	6	7	5	3	3	4	3	2	2	3	3	1	0	0	0	3
9	1	1	0	0	0	0	1	1	0	0	0	0	1	1	2	7	10	11	17	6	4	3	3	3	3
10	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2	2	3	8	10	2	2	2	2	2
11	1	1	1	1	1	1	2	2	1	1	0	0	0	0	2	3	3	3	5	4	3	4	2	2	2
12	2	2	2	2	2	1	1	3	3	4	5	4	24	25	15	16	11	9	9	9	8	6	5	5	7
13	4	4	4	4	4	3	5	3	1	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	2
14	1	1	1	1	1	1	2	2	2	1	1	1	2	2	3	4	4	4	4	4	4	4	4	4	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	6	6	4	5	4	3	4	6	3	3	3	2	2	2
18	2	2	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
19	1	1	1	1	1	1	2	2	2	1	1	1	2	7	6	8	6	3	5	5	4	4	4	4	4
20	2	1	1	1	1	1	2	2	2	4	4	6	10	9	6	5	6	6	6	6	4	4	4	4	4
21	2	2	2	2	1	1	3	4	3	3	3	1	2	2	2	3	3	3	4	4	3	2	2	2	2
22	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	1	2
23	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	1
24	2	2	2	2	1	1	2	3	4	6	8	7	17	10	4	6	4	6	7	3	2	1	1	1	4
25	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1
26	2	2	4	2	1	1	3	2	2	3	4	5	4	2	2	2	2	1	3	2	2	1	1	1	2
27	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	1
30	3	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	2	2	2	2	2	3	4	4	3	3	3	3	4	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	3	2	1	1	1	1	5	9	6	6	7	6	4	4	4	4	4	4	7	11	5	5	3	3	4
3	0	0	0	0	0	0	0	5	2	1	2	2	2	2	1	1	0	0	2	3	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	1	3	4	3	6	4	3	3	2	5	6	4	3	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	2	1	2	1	0	0	0	1
7	0	0	0	0	0	0	0	1	2	5	13	13	8	11	10	9	9	9	9	9	8	5	6	4	5
8	3	2	2	2	1	1	3	3	7	13	13	8	9	6	6	7	8	9	8	7	5	5	4	3	6
9	2	1	1	1	2	2	5	5	4	5	5	5	4	4	6	5	4	5	8	7	6	4	2	3	4
10	1	1	1	2	2	1	1	2	1	1	1	0	0	0	0	0	0	1	2	1	0	0	0	0	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
12	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	1	1	2	2	2	4	1	1	0	2	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
15	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	1	1	2	1	1	0	1	1
16	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1
17	1	1	0	1	1	1	0	2	2	2	2	3	1	1	1	3	6	4	2	2	0	0	0	0	2
18	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0
19	0	0	0	0	0	0	0	2	3	4	3	4	2	3	4	5	5	2	2	3	2	1	1	1	2
20	2	2	1	1	1	2	2	3	8	4	2	2	2	2	8	13	4	2	1	6	4	2	2	6	3
21	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	1	1	0	0	0	0	1	1	1	0	1	0	2	2	2	2	3	4	0	0	2	3	1
24	3	3	2	2	2	1	3	3	2	2	2	2	4	7	5	8	9	11	5	3	3	3	3	3	4
25	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	4	3	3	3	3	3	4	5	8	12	13	13	9	5	2	3	3	3	4	7	7	3	2	2	5
27	3	3	3	3	3	3	2	2	1	1	1	0	0	0	2	3	4	5	4	2	2	2	2	2	2
28	3	3	2	2	2	2	4	5	5	3	2	3	4	2	1	1	1	1	1	1	1	1	1	1	2
29	3	3	3	3	3	3	4	5	5	3	2	3	4	2	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	1
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	1	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	1	1	1	1	2	2	2	1	1	2	3	4	6	7	3	2	3	3	3	2	3	2
2	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2
3	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	1	1	1	0	1	1	0	0	0	1
4	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	0	1	1	0	0	0	1
5	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	2	3	1	1	1	1
6	0	1	0	0	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	0	1	1	1	1	1	0	1	1	2	1	1	0	0	1	1	1	2	1	1	1	0	0	0	1
9	0	0	0	0	0	0	0	1	2	1	1	1	0	2	4	3	2	1	1	1	6	5	1	1	1
10	2	2	1	1	1	1	1	1	0	4	1	1	2	2	1	2	2	2	2	2	2	2	2	1	2
11	1	1	1	1	1	1	1	1	1	1	1	2	8	5	2	2	5	3	3	4	4	3	1	2	2
12	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	2	2	3	3	3	3	3	2	2	2	1	1	1	1	1	2	1	1	1	1	2
14	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
15	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	2	5	4	1
16	5	3	2	1	2	2	2	2	2	2	1	1	1	2	1	2	1	1	1	2	2	2	2	2	2
17	2	3	2	3	3	4	4	4	4	3	3	3	3	2	1	1	1	2	1	2	2	3	6	6	3
18	5	6	4	2	1	2	4	4	2	2	1	1	1	1	1	2	1	2	2	3	4	4	4	4	3
19	3	2	3	3	5	4	4	7	6	5	4	3	3	5	3	3	2	2	3	4	4	3	4	5	4
20	5	3	3	2	2	1	2	1	1	1	1	1	1	1	3	2	1	1	1	1	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	1	1	1	2	2	2	2	2	4	10	3	2	1	1	0	1	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	1	1	1	0	1	0	0	0	0	0
24	0	0	0	0	0	0	1	2	2	1	1	2	2	2	1	2	2	2	2	5	3	3	3	3	3
25	0	0	0	0	0	1	2	2	1	1	2	2	2	2	1	2	2	2	2	5	4	3	3	3	3
26	1	1	1	1	1	3	7	4	5	5	3	3	3	3	3	3	3	3	5	6	4	3	3	3	3
27	3	3	3	3	3	3	3	9	9	6	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	0	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1
29	2	2	3	3	2	2	2	2	1	1	1	1	1	1	2	3	3	3	2	2	1	1	1	1	2
30	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	2	3	5	5	11	2
MEAN	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1	2	2	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	2	1	1	2	2	1	1	1	1	1	2	11	11	6	4	4	5	5	4	2	1	3
2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	1	1	2	2	2	2	2	6	12	15	6	4	4	4	3	3	2	3	3
4	3	3	3	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	2	2	2	2	1	2	6	8	8	7	4	4	5	5	4	3	2	2	2	2	2	1	1	3
6	1	1	1	1	1	2	3	3	2	2	2	2	0	2	1	3	2	0	0	1	1	2	1	2	2
7	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	2	2	3	4	3	4	3	7	2
8	8	8	6	5	7	7	8	10	8	7	4	4	4	4	2	2	2	3	5	6	6	7	8	9	6
9	6	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	1	1	1	2
10	1	1	1	5	5	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3	2	2	3	3	3
11	3	3	1	1	1	2	2	4	5	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2
12	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	4	3	3	3	3	3
13	4	3	2	2	2	3	4	2	2	2	2	2	2	2	1	1	1	1	0	1	2	1	1	1	2
14	1	1	1	1	1	1	2	4	4	3	2	2	3	4	2	2	4	5	5	6	5	3	2	3	3
15	2	2	3	4	5	4	6	8	9	7	10	10	8	5	8	8	6	7	8	6	5	5	5	5	6
16	5	4	3	3	5	4	4	4	5	5	4	4	5	5	5	7	10	10	9	5	4	4	3	3	5
17	3	4	4	3	6	7	6	6	4	2	2	2	1	2	1	1	1	1	2	3	3	2	2	2	3
18	2	4	4	3	2	2	3	4	3	2	2	2	2	1	3	5	3	3	3	7	5	7	7	4	4
19	10	8	8	6	6	7	7	5	3	2	2	2	3	2	2	1	1	1	1	1	1	1	1	0	3
20	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	2	1	1	1	0	1
21	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	2	2	3	3	3	2	2	2	1
22	2	2	2	2	1	1	2	2	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
23	3	3	3	4	5	5	5	5	4	4	4	4	3	3	3	3	4	4	5	5	5	5	2	2	4
24	2	1	1	1	1	1	2	2	3	4	5	5	5	5	4	3	2	2	3	3	2	1	1	1	3
25	2	4	5	6	4	2	4	4	3	3	3	3	3	3	5	10	12	7	6	5	5	5	5	5	5
26	3	3	3	2	2	2	2	2	1	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1
27	1	2	2	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	0	1	1	1	1	1	1	1	1	1	2	3	2	2	2	3	3	3	1	1	1	1	2
29	0	0	0	0	1	2	1	2	2	2	2	2	1	2	2	2	1	2	1	1	1	1	1	1	1
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	1	1	2	1	1	1	1	1	1	2	2	2	0	2	2	1	0	1	0	0	0	1	1
MEAN	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	2	2	2	2	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	13	5	7	26
FEB	26	4	8	22
MAR	27	4	7	17
APR	4	4	5	7
MAY	24	2	4	8
JUN	7	2	3	8
JUL	2	7	8	20
AUG	28	1	3	21
SEP	30	2	7	25
OCT	31	2	6	13
NOV	30	2	4	11
DEC	31	3	6	15
YEAR	253	3	8	26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	122	111	4	2	1	0	240
FEB	402	159	8	4	0	0	573
MAR	451	162	7	1	0	0	621
APR	55	16	0	0	0	0	71
MAY	472	10	0	0	0	0	482
JUN	106	5	0	0	0	0	111
JUL	16	12	5	3	0	0	36
AUG	587	18	3	4	0	0	612
SEP	622	71	3	6	0	0	702
OCT	644	80	9	0	0	0	733
NOV	687	32	1	0	0	0	720
DEC	607	108	4	1	0	0	720
YEAR	4771	784	44	21	1	0	5621

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
64	0	0.3	0.8	1.5	2.6	4.9	6.5	8.8	10.4	26	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	4	2	3	3	4	5	4	6	6	6	5	5	4	3	2	1	1	0	0	0	1	0	1	3
2	0	0	0	1	1	2	1	3	3	2	1	1	2	1	1	2	5	5	3	5	6	4	2	5	2
3	9	7	6	7	8	7	5	5	4	3	1	0	0	1	2	1	2	3	3	3	2	1	2	2	4
4	3	3	5	4	5	5	5	8	9	11	10	9	7	6	5	5	5	4	4	3	4	3	2	2	5
5	6	5	3	3	3	3	3	3	4	4	4	3	3	***	2	2	1	3	2	5	1	1	0	0	3
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	
7	2	2	2	3	3	4	4	4	3	4	5	4	4	3	3	0	1	3	3	4	5	6	5	5	3
8	8	10	9	8	8	7	6	7	7	6	4	****	5	5	5	4	4	3	4	6	6	5	6	5	3
9	6	7	8	8	7	6	5	5	5	5	5	****	4	4	4	4	4	4	4	5	3	2	1	0	5
10	0	0	0	0	0	0	2	3	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	3	1	3	3	2	2	1	2	3	4	4	5	5	5	4	4	4	2	3	4	7	6	3
12	7	7	1	0	1	1	4	5	5	4	3	2	2	2	1	3	5	4	7	2	3	3	2	2	1
13	2	1	1	0	0	1	2	2	1	1	2	****	0	2	2	1	0	1	0	0	0	0	0	0	3
14	1	1	2	4	6	6	6	6	5	3	4	4	2	2	1	1	3	2	1	0	0	0	0	0	3
15	0	1	4	6	8	8	7	8	8	8	10	20	32	11	4	6	3	2	3	4	3	4	4	1	6
16	4	4	7	9	8	7	7	6	6	9	10	14	16	12	8	6	4	4	4	3	3	1	1	1	6
17	2	1	2	2	1	2	1	1	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	2	0	3	3	3	3	1	0	0	1	2	1	2	2	3	3	3	1
19	4	4	4	4	5	10	8	9	8	7	6	7	7	6	5	5	6	5	4	4	1	2	3	3	5
20	2	3	1	4	3	2	3	4	6	4	2	2	****	3	2	2	2	2	2	2	2	3	2	3	3
21	2	2	1	1	2	1	1	1	2	1	2	1	0	0	0	1	0	0	0	0	0	2	2	2	1
22	3	2	5	4	5	4	6	5	6	8	2	1	0	0	2	3	5	3	2	1	3	4	5	5	4
23	4	3	3	3	3	3	4	6	7	5	12	5	3	2	2	1	0	0	0	0	0	0	0	0	2
24	0	0	0	1	1	2	2	3	3	5	12	3	3	4	5	7	5	4	4	4	4	7	9	7	4
25	7	7	7	6	6	9	9	14	10	3	5	6	3	2	6	2	2	2	1	1	1	1	3	3	5
26	4	4	4	4	3	3	3	3	4	3	9	****	15	3	2	2	5	5	5	5	5	7	5	6	3
27	3	4	4	4	5	5	7	6	5	4	9	3	3	1	1	1	1	1	1	1	1	1	1	2	5
28	5	3	2	2	1	2	2	8	3	2	2	3	4	2	1	1	1	1	1	1	1	1	1	1	3
29	2	3	2	2	2	2	1	2	3	3	4	2	1	1	1	1	1	0	0	5	6	4	4	4	2
30	1	0	0	0	0	0	0	0	1	2	3	2	2	2	2	0	0	0	1	1	0	0	0	0	1
31	1	3	2	2	1	2	2	3	2	2	1	2	1	0	1	0	1	0	0	0	0	0	0	0	1
MEAN	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	2	2	2	2	2	2	3	2	2	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2	3	2	1	2	3	2
2	3	4	4	9	4	5	7	4	2	2	3	2	****	3	4	3	2	1	0	0	0	7	10	5	4
3	2	0	0	0	0	0	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	1	3	3	3	4	4	5	3	2	1	0	2	3	3	3	2	10	13	2	3	4	
5	6	7	7	7	5	4	5	5	4	4	3	3	3	3	2	2	2	1	2	2	2	2	1	2	
6	2	2	2	3	5	5	4	4	6	5	7	9	7	3	3	4	4	4	4	2	2	3	3	3	
7	3	3	3	3	2	2	1	3	3	3	3	4	3	3	3	6	5	2	2	2	3	4	3	3	
8	3	3	3	4	4	4	4	5	5	7	8	11	14	16	13	10	7	8	9	7	5	3	3	7	
9	4	3	2	4	4	4	4	4	4	3	4	5	****	8	10	9	8	9	8	7	8	7	10	6	
10	5	4	4	4	8	11	9	8	8	9	6	5	3	2	2	2	1	1	2	1	0	1	1	1	
11	1	1	2	2	2	2	2	1	1	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	
12	0	0	0	0	0	0	0	0	0	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	
13	1	1	2	4	5	5	5	4	3	3	4	2	****	****	****	****	****	****	****	****	****	****	****	****	
14	1	1	1	1	1	1	2	3	3	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	
15	3	3	3	3	3	4	4	4	3	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	
16	1	0	0	0	0	0	1	1	2	2	2	2	1	0	0	0	10	1	1	2	2	3	4	2	
17	0	2	0	1	3	4	6	12	11	5	5	5	4	4	4	4	4	4	4	2	3	4	4	2	
18	8	5	5	5	4	5	8	8	11	7	4	4	3	4	****	****	2	2	3	5	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	2	2	1	0	
20	0	1	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	0	0	
21	0	0	1	1	2	2	2	2	3	4	4	4	3	2	2	1	1	0	1	2	2	2	2	1	2
22	0	0	0	1	1	1	4	3	4	3	3	3	3	1	2	0	1	0	0	2	2	2	2	2	
23	1	0	1	3	4	3	2	2	0	3	4	1	0	0	0	0	0	0	0	0	0	1	0	1	
24	0	0	0	1	2	3	3	3	4	5	3	3	3	2	2	3	1	0	1	2	1	2	2	2	
25	1	1	0	0	0	0	0	0	1	2	3	0	0	1	4	3	4	4	2	1	0	0	0	1	
26	1	1	0	0	2	1	1	1	2	0	0	2	3	5	3	1	1	2	0	1	3	5	5	2	
27	3	4	3	3	3	2	1	1	2	2	5	6	2	****	****	****	****	****	****	****	****	****	****	****	
28																									
MEAN	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH MAR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	3	3	2	2	2	2	3	3	3	****
3	2	2	2	3	2	2	5	5	3	5	5	8	10	6	5	5	4	3	3	4	4	4	3	3	4
4	2	2	2	2	2	2	3	3	3	4	3	4	5	9	9	10	10	6	5	5	4	5	5	5	5
5	5	4	4	6	10	7	5	5	5	5	5	5	5	4	5	4	5	5	5	5	4	3	4	4	5
6	3	4	4	3	5	5	5	5	5	5	5	4	3	4	****	****	****	****	****	****	****	****	****	****	****
7	4	****	****	****	****	****	****	****	****	****	****	****	4	****	****	****	****	****	****	****	****	****	****	****	****
8	4	****	****	****	****	****	****	****	****	****	****	****	4	****	****	****	****	****	****	****	****	****	****	****	****
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												

MEAN	3	3	3	4	5	4	5	5	4	5	4	5	5	6	6	6	6	4	4	4	4	4	4	4	4
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PERCENTAGE OF DATA VALID - 13

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	6	16	19	4	3	5	2	2	4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	1	2
3	1	1	1	1	2	2	2	1	1	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1
4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
5	1	1	1	1	1	2	2	2	1	1	1	1	1	2	18	9	1	1	1	1	1	1	1	1	2
6	1	1	2	2	2	3	4	6	6	4	3	3	4	4	4	12	12	10	7	5	3	3	4	2	4
7	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
8	1	1	1	2	3	5	4	3	3	2	3	4	4	4	4	3	2	2	2	2	2	1	2	2	3
9	2	3	2	2	2	1	1	3	3	2	2	1	2	2	1	1	1	2	1	1	1	1	1	1	2
10	2	2	1	2	2	1	2	1	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	1	2
11	1	1	1	1	1	1	2	2	4	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1
12	2	3	3	1	0	0	1	3	3	5	6	3	1	1	1	2	2	0	0	3	2	1	1	0	2
13	0	0	0	0	0	2	5	11	8	10	***	4	7	5	14	15	15	19	2	1	2	3	6	9	6
14	8	10	15	9	5	3	3	4	5	6	7	11	9	19	24	22	22	19	15	8	5	4	4	3	10
15	4	4	1	0	0	0	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
16	0	0	0	0	1	2	2	5	11	5	4	5	4	4	4	4	2	10	3	1	0	3	3	4	3
17	2	2	3	2	3	4	5	7	12	12	10	5	5	3	3	2	0	0	1	1	0	0	0	0	3
18	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	2	1	1	1	2	3	3	0	0	0	0	0	0	0	0	0	3	0	0	0	1	2	1	1
20	0	0	1	1	1	1	2	2	3	1	2	5	5	4	3	3	3	3	3	3	3	2	2	3	2
21	5	6	13	6	5	5	3	4	3	7	5	4	3	3	3	3	3	2	3	3	3	2	3	3	4
22	2	3	4	4	3	2	3	4	3	3	4	3	3	4	3	3	3	3	3	3	3	3	4	6	3
23	4	4	3	3	3	3	5	8	12	11	11	9	5	6	6	6	5	4	3	3	3	3	3	3	5
24	3	3	3	3	3	3	4	4	4	5	9	5	3	3	2	2	6	5	3	2	4	5	5	3	4
25	2	2	4	2	2	3	4	5	6	7	6	6	7	5	4	5	7	5	4	4	3	3	3	2	4
26	2	2	2	2	2	4	4	5	6	7	***	6	6	9	7	6	5	4	4	3	4	6	5	4	5
27	2	2	4	3	2	2	3	8	14	6	9	12	16	22	6	9	11	15	6	9	5	5	4	6	8
28	5	5	7	4	2	5	5	5	5	7	5	5	5	5	***	7	7	5	9	4	4	4	7	6	5
29	4	3	3	5	6	5	6	15	24	11	3	3	3	4	6	4	4	6	6	5	3	2	4	3	6
30	4	3	3	5	6	5	6	15	24	11	3	3	3	4	6	4	4	6	6	5	3	2	4	3	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	4	5	8	12	9	9	5	6	8	8	6	5	4	4	3	2	2	3	3	5
2	2	0	0	0	0	0	1	0	0	1	1	1	1	2	2	0	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	0	2	8	2	1	1	0	1
4	0	0	0	1	1	1	7	7	8	1	5	5	7	5	3	3	2	1	1	1	0	0	0	0	2
5	0	0	0	0	1	2	3	2	1	3	4	7	2	1	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
7	1	1	1	1	2	2	4	10	9	10	14	7	10	9	10	20	23	3	4	7	8	5	5	4	7
8	2	2	2	2	2	2	5	3	4	4	5	3	2	2	3	3	2	2	1	0	0	1	0	0	2
9	9	9	9	10	10	10	12	17	15	17	13	12	17	17	13	12	12	11	11	10	10	10	10	10	12
11	10	10	10	10	10	10	11	12	12	11	12	****	8	12	13	11	7	8	8	8	6	5	5	6	9
12	6	6	6	5	5	5	6	7	8	9	13	10	13	15	17	18	20	19	11	12	11	13	12	13	11
13	11	14	11	9	10	10	10	12	15	13	10	10	9	8	8	8	8	8	11	11	10	14	10	10	10
14	10	9	9	9	9	9	10	10	10	10	11	12	11	12	10	10	11	10	11	13	12	13	11	10	11
15	11	14	13	11	9	10	10	9	10	9	10	9	8	9	9	9	9	8	9	9	12	12	9	9	10
16	9	9	9	10	8	9	9	8	8	9	12	11	9	9	9	8	9	10	10	9	8	8	8	8	9
17	8	8	7	7	7	7	7	8	9	8	9	9	8	8	9	7	8	8	7	7	7	7	7	7	8
18	1	2	5	2	3	5	3	9	10	11	11	10	10	10	10	9	15	12	14	10	10	10	9	9	8
19	8	8	8	9	10	11	13	14	14	12	14	14	15	****	12	10	10	10	9	8	6	5	5	5	10
20	5	5	5	5	5	5	6	7	7	7	8	8	8	8	8	7	7	7	6	6	6	6	6	6	6
21	6	7	7	6	6	7	11	13	15	14	12	12	10	9	9	10	10	14	9	9	8	8	8	8	10
22	9	9	9	9	9	9	9	9	9	10	11	10	10	10	10	10	10	9	8	8	9	9	9	8	9
23	8	8	8	8	9	9	10	9	10	10	10	10	10	10	10	10	9	10	9	9	8	8	2	2	9
24	2	3	3	1	1	0	3	7	4	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	2
25	1	0	1	1	2	1	2	3	3	7	****	5	13	8	5	8	6	5	4	3	3	2	2	1	4
26	2	2	1	2	2	2	2	3	3	4	4	4	5	4	4	3	3	3	2	1	1	1	1	1	3
27	1	1	0	0	0	0	1	2	1	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	2	4	5	2	2	2	5	6	7	8	6	4	10	8	11	8	6	4
29	4	8	6	6	6	7	10	9	10	10	11	10	11	9	6	6	6	5	8	9	10	9	6	2	8
30	2	1	1	1	0	1	4	3	2	2	3	3	2	3	2	2	2	2	2	2	2	2	1	1	2
31	1	0	2	2	2	1	2	6	4	5	5	7	7	4	4	4	2	2	1	1	1	1	1	2	3
MEAN	4	4	4	4	4	5	6	7	7	7	7	7	7	7	7	7	7	6	5	6	5	5	5	4	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	6	5	6	4	5	4	3	12	13	5	6	5	3	12	12	****	****	****	5
2	****	****	****	****	****	****	****	****	****	****	****	1	1	2	0	2	1	0	0	0	0	0	0	0	****
3	0	0	0	0	0	1	2	4	2	1	2	3	1	0	0	0	0	2	3	2	1	1	0	0	1
4	0	0	3	3	3	5	5	6	6	5	4	4	4	4	5	5	3	4	3	2	1	0	0	0	3
5	0	0	1	0	1	1	1	1	2	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	2	7	6	9	6	5	5	8	4	6	9	13	6	7	2	2	2	2	2	1	1	1	4
7	1	1	4	4	4	3	4	5	4	5	5	5	3	2	1	1	0	0	0	0	0	0	0	0	2
8	0	0	1	1	2	3	3	4	3	3	3	3	5	1	1	6	3	1	1	1	0	0	1	0	2
9	0	1	2	3	5	7	7	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	0	1	1	0	1	2	3	3	1	2	1	2	2	2	2	1	1	1	2	2	3	2	2	2
17	2	2	1	2	3	2	3	3	3	0	9	11	15	10	4	5	4	4	3	2	3	2	3	4	4
18	6	4	3	2	2	1	1	4	5	4	6	5	8	7	12	15	12	4	3	3	1	1	1	1	5
19	1	1	2	0	0	0	1	0	2	4	5	12	6	5	4	4	3	3	3	2	1	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	2	5	7	****	7	9	5	5	5	4	2	6	12	7	4	2	1	1	3
24	1	1	0	0	0	3	5	7	5	10	4	4	4	4	4	3	3	2	1	1	0	0	0	0	3
25	2	1	1	1	1	3	3	1	0	3	2	2	2	4	10	12	7	6	3	1	2	0	3	0	3
26	0	0	0	0	1	1	1	1	1	2	3	5	8	6	4	4	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
28	1	1	1	0	0	0	0	1	3	6	4	4	2	2	1	1	1	5	1	1	1	2	3	2	2
29	2	1	2	0	0	0	2	2	2	4	8	9	2	1	1	2	****	****	****	****	****	****	****	****	2
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	1	1	1	1	1	2	2	3	3	3	4	4	4	4	4	4	2	2	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	****	****	****	****	****	****	****	****	****	****	****	6	5	4	3	3	2	2	1	2	****	1	2	0	0 ****
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	****	0	0	0	****	****	1	3	****	****	4	3	3	3	3	5	3	2	2	2	1	2	1	0	2
24	1	1	1	1	2	2	4	4	4	4	4	3	4	5	3	4	2	2	3	2	2	1	1	0	3
25	0	0	0	0	0	0	0	0	1	0	1	2	2	2	3	1	1	1	3	7	4	3	2	0	1
26	0	0	0	0	0	0	0	1	1	3	4	2	2	2	3	2	2	5	12	11	2	2	0	0	2
27	0	0	0	0	0	0	0	2	1	2	4	5	8	5	3	2	2	4	8	0	0	0	0	0	1
28	0	0	0	0	0	1	0	1	1	3	3	4	4	5	2	2	2	0	0	0	0	0	0	0	1
29	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30																									
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	7	3	0	1	1	1	0	1	****
MEAN	0	0	0	0	0	0	1	2	2	3	3	3	3	3	2	3	2	2	2	3	1	1	1	0	2

PERCENTAGE OF DATA VALID - 28

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	0	0	1	1	1	1	1	8	4	3	2	2	1	2	0	0	0	0	0	0	1
2	0	0	2	0	0	0	0	0	0	0	0	1	0	1	2	2	2	0	0	0	0	2	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6	3	0	0	0	0	0	1	0	1
5	0	0	0	0	0	0	0	2	2	1	0	2	3	6	8	7	3	2	2	1	1	0	0	0	2
6	0	0	0	0	0	0	1	2	2	1	2	3	4	8	5	5	3	1	1	1	2	4	2	0	2
7	0	0	0	0	0	0	0	0	2	6	4	3	2	2	2	2	2	0	0	0	2	2	1	2	1
8	1	1	1	0	0	0	0	2	4	5	3	3	2	2	2	2	1	0	0	2	3	7	2	0	2
9	0	0	0	0	0	0	2	2	3	3	3	2	2	1	1	2	0	2	2	2	2	0	0	1	2
10	0	0	0	0	1	0	0	3	7	5	7	5	3	3	3	3	2	2	3	2	4	3	1	1	2
11	0	0	0	0	0	0	0	0	2	2	3	5	2	2	3	17	14	5	2	0	0	0	0	0	3
12	0	0	0	0	0	0	0	1	2	2	9	6	4	4	2	2	4	2	2	2	0	0	0	0	2
13	0	0	0	0	0	0	0	0	7	7	3	11	7	2	2	2	9	2	4	6	3	2	1	0	2
14	0	0	0	0	0	0	1	4	7	7	7	6	4	0	0	0	2	4	2	4	2	2	1	1	3
15	0	1	0	0	0	0	0	2	5	6	5	5	5	7	4	4	5	6	7	1	1	3	2	1	3
16	1	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	4	6	2	1	1	2	3	14	5	2	2	0	1	0	0	1	3
19	0	2	2	0	1	3	2	2	1	0	0	1	2	2	3	7	2	2	1	2	1	1	0	0	2
20	0	0	0	0	2	2	1	2	2	3	2	2	3	3	2	1	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	2	1	4	2	3	2	2	4	6	3	1	1	2	1	2	2	2	2
23	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	5	2	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	1	4	3	3	0	0	0	0	2	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	2	4	4	4	3	5	4	3	2	8	2	1	1	2	1	2	1
26	0	0	0	0	0	0	0	0	3	3	3	3	4	3	2	3	3	2	3	2	1	1	0	0	2
27	0	0	0	0	0	0	0	0	1	3	3	3	3	2	0	0	2	0	2	2	1	0	0	1	1
28	1	0	1	1	1	1	2	2	3	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	1	1	1	7	8	4	2	2	1	1	2	1	1	1
30	1	1	1	1	1	1	0	0	0	0	0	0	1	1	2	3	3	2	1	1	0	0	0	0	1
31	0	0	1	0	0	0	0	0	0	2	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	2	2	2	3	2	3	4	4	3	2	2	1	1	1	0	0	1

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																											
POLLUTANT - SULPHUR DIOXIDE											UNITS - PARTS PER HUNDREDMILLION																
STATION - QUEENSWAY HOSPITAL ETOBICOKE											NO 35005																
											MONTH SEP 70																
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0		
2	0	0	0	0	0	0	0	0	1	5	4	2	4	****	0	0	0	0	1	1	0	0	0	****	1		
3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	****	1	****	****	****	****	0	0	1	0	0		
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	0	1	1	1	1	1	0	1	2	2	0	0	0	2	0	1	0	1	1	0	1	3	0	0	1		
7	0	1	4	3	3	2	3	1	0	0	0	2	1	1	2	2	2	0	3	3	4	3	2	2	3		
8	4	3	4	4	0	2	2	2	2	5	3	2	2	4	3	2	3	2	4	8	8	****	****	****	3		
9	****											DATA MISSING -															
10	****											4	3	3	2	2	1	2	0	0	0	0	0	0	0	****	
11	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0		
12	0	0	0	0	0	0	0	1	2	2	3	2	2	2	2	2	2	2	1	1	2	1	1	2	1		
13	3	2	2	2	2	2	2	2	2	1	1	0	0	2	2	2	2	1	1	1	0	0	1	1	1		
14	1	1	0	0	0	0	1	0	1	2	2	2	3	2	3	2	2	1	2	1	2	1	1	2	1		
15	1	2	1	0	0	0	1	1	2	****	****	2	2	2	1	0	0	0	0	0	0	0	0	0	1		
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17	0	0	0	0	0	0	0	2	4	2	2	2	3	3	9	4	2	1	0	2	2	2	1	1	2		
18	1	1	0	0	0	0	1	2	2	3	****	20	28	16	11	10	9	5	5	5	5	4	4	3	6		
19	4	4	4	4	4	4	4	4	5	8	6	9	9	6	6	9	10	11	11	6	5	4	4	3	6		
20	3	4	3	3	3	3	2	3	4	8	16	17	17	10	7	6	6	10	7	6	5	4	4	3	6		
21	4	4	4	4	4	5	5	8	10	7	6	7	7	6	6	6	6	5	4	4	3	3	3	3	5		
22	2	2	2	2	2	3	5	6	4	****	2	2	3	1	2	1	0	0	0	0	0	0	0	0	2		
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	3	2	1			
24	3	2	3	4	2	2	2	2	1	1	2	2	5	7	9	5	4	4	2	3	3	0	0	0	3		
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	0		
26	0	0	0	0	0	0	0	0	0	0	0	0	6	2	0	1	0	0	0	0	0	0	0	0	0		
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
29	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	4	3	1		
30	3	2	2	1	1	1	1	1	0	0	2	2	3	1	0	0	0	0	0	0	0	0	0	0	1		
MEAN	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	2	1	1	1	2		
PERCENTAGE OF DATA VALID - 92																											

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - SULPHUR DIOXIDE													UNITS - PARTS PER HUNDREDMILLION													
STATION - QUEENSWAY HOSPITAL ETOBICOKE													NO 35005													
													MONTH OCT 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	3	16	4	1	2	2	3	2	3	3	3	1	2	
2	2	3	3	2	3	1	3	4	5	3	2	2	5	5	3	1	1	0	0	0	0	0	0	0	2	
3	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	1	3	3	3	3	2	2	1	4	2	1	1	3	2	1	1	6	5	5	2	1	1	1	1	2	
7	1	1	2	1	1	1	1	2	5	2	3	6	4	6	5	5	6	6	7	7	7	4	6	4	4	
8	2	2	2	1	1	1	2	3	3	9	14	9	4	7	3	5	9	8	4	4	11	9	5	5	5	
9	3	2	2	2	2	3	4	2	3	2	2	3	2	2	5	14	14	3	4	4	3	2	1	3	4	
10	2	1	1	0	1	1	2	3	3	3	4	1	1	0	0	0	0	1	4	1	0	1	0	0	1	
11	0	0	0	0	0	0	0	0	0	0	2	1	1	1	2	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	2	2	1	0	0	2	7	4	3	2	1	1	0	0	0	0	0	0	0	0	0	1	
13	1	1	0	0	0	0	2	3	5	3	3	2	1	5	4	3	2	5	7	****	****	4	2	1	2	
14	1	1	0	1	1	1	1	2	2	2	2	****	4	5	2	1	1	0	0	0	0	0	0	0	1	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	
17	1	1	1	0	0	0	0	0	1	1	2	5	6	3	2	6	2	7	3	1	0	1	1	1	2	
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	
19	1	1	1	1	1	1	1	1	2	****	4	1	0	0	0	****	1	3	11	16	5	3	3	3	3	
20	3	4	4	3	3	2	3	2	5	6	11	3	2	5	6	3	3	14	27	12	12	3	2	3	6	
21	5	2	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	0	1	
22	1	1	1	1	1	0	2	3	3	3	2	3	5	4	3	6	2	1	1	1	1	1	0	0	2	
23	0	0	0	0	0	0	0	0	0	0	2	3	3	6	13	8	1	2	1	1	2	1	0	0	2	
24	0	1	0	0	0	0	0	0	0	2	4	4	6	3	5	2	2	0	1	1	1	1	1	1	1	
25	1	2	3	2	2	2	2	1	1	3	3	2	1	1	1	2	1	1	1	1	1	2	1	1	2	
26	2	2	3	1	2	2	1	2	1	2	2	2	2	2	2	2	1	2	4	9	2	5	5	3	3	
27	4	3	3	3	3	2	3	1	3	2	2	2	2	1	3	****	0	0	1	0	0	0	1	1	2	
28	0	0	0	0	0	0	0	0	0	0	****	****	1	1	0	1	1	0	0	0	0	1	0	0	0	
29	1	0	1	0	0	0	0	0	0	0	1	0	1	1	2	1	2	2	1	2	1	1	0	0	1	
30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	0	1	0	
31	1	0	0	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	
MEAN	1	1	1	1	1	1	1	1	2	2	3	2	2	3	2	2	2	2	3	2	2	2	1	1	2	
PERCENTAGE OF DATA VALID - 98																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	1	0	0	0	0	1	2	3	2	8	15	2	0	0	1	1	0	2	1	2
2	1	1	1	0	1	1	1	2	1	2	2	3	2	7	8	6	7	9	2	1	0	0	0	0	2
3	2	3	2	1	0	1	1	1	1	3	2	3	1	1	2	1	1	1	1	1	1	1	1	1	1
4	1	****	1	1	1	2	1	1	1	1	1	2	1	****	0	0	0	0	1	1	1	1	1	1	1
5	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1
6	0	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	1	0	1	1	2	2	1	2	1	0	0	0	0	1	1	1	1	2	1	1	1	1	0	1
8	1	1	1	1	1	0	1	1	0	1	3	2	1	1	1	0	1	1	1	0	0	0	1	1	1
9	1	1	1	1	1	1	1	1	2	5	4	3	2	3	2	2	5	4	2	1	2	1	1	1	2
10	1	1	1	1	1	1	1	1	1	2	2	1	1	0	1	2	2	4	2	2	1	1	1	0	1
11	0	0	0	0	0	1	1	1	1	1	1	1	1	4	2	2	1	2	2	4	5	3	2	2	2
12	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	0	0	0	0	0	0	0	1
13	0	1	0	0	0	0	0	0	1	1	2	1	1	1	2	1	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	1	3	3	4	1	0	0	1	1	1	1	0	1	0	0	0	0	2	1	1	0	1	1	2	1
17	2	2	3	2	2	2	2	2	1	1	3	2	3	1	2	2	2	0	1	0	1	1	3	3	2
18	1	4	5	5	3	3	3	2	1	2	2	2	1	1	1	2	1	****	2	2	1	1	1	3	2
19	2	1	3	2	2	1	3	3	3	4	3	3	12	4	3	2	4	3	0	1	2	3	3	3	2
20	1	4	4	4	4	4	4	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	3
21	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0
22	0	0	0	0	2	1	1	2	3	2	3	1	1	1	5	17	6	3	1	2	0	0	0	1	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	6	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	0	0	0	0	0	0	0	0	1
25	2	2	1	1	1	4	3	2	3	3	2	2	3	4	4	3	2	3	4	4	3	3	2	3	3
26	4	4	9	7	7	9	6	4	6	4	7	5	4	7	6	5	6	5	6	3	7	8	3	2	6
27	4	3	2	2	2	2	4	5	7	5	3	3	2	3	3	2	2	1	1	2	2	1	0	0	3
28	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
29	2	2	2	2	3	3	2	1	2	1	0	0	0	0	0	1	2	2	2	1	3	2	2	2	2
30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	2	5	0
MEAN	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	3	1	2	1	1	2	5	3	3	4	4	2	2	2	2	3	3	4	2	7	11	8	3
2	4	2	1	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	0	1	1	0	1
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	11	4	4	2	****
4	1	0	0	0	0	0	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	5	6	5	4	2	5	3	4	3	2	1	1	0	0	2
6	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	2	3	0	0
7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	5	1
8	7	6	5	7	10	8	7	6	5	5	6	12	14	6	3	3	4	3	2	2	3	3	3	1	5
9	3	8	6	5	3	2	1	2	1	0	1	2	2	2	2	2	2	3	1	1	0	0	0	0	2
10	0	0	0	0	0	0	2	4	3	2	2	3	3	3	2	2	2	2	2	3	2	2	2	2	2
11	2	1	2	1	1	2	2	2	3	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	2	2	2	1	2	2
13	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	2	2	3	3	2	0	0	0	1	0	1	2	3	3	2	1	1	1
15	1	0	1	2	2	3	3	3	4	6	6	6	9	5	6	7	5	4	5	4	4	3	3	4	4
16	1	1	2	2	2	2	2	2	0	2	2	4	3	3	2	3	3	2	2	1	1	1	3	1	2
17	1	1	2	1	0	0	0	0	1	1	1	1	2	1	1	1	1	2	1	1	2	1	1	3	2
18	0	0	1	2	3	2	2	1	2	4	4	3	3	3	2	2	2	3	2	2	2	2	2	2	2
19	2	0	3	7	6	4	5	5	5	6	4	3	2	4	4	2	2	2	2	2	0	0	0	0	3
20	0	0	1	0	0	0	0	0	0	1	1	2	1	0	0	0	1	0	0	0	0	1	0	1	0
21	1	0	0	0	0	0	2	2	4	3	3	3	2	2	1	1	1	0	2	2	2	2	2	3	2
22	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	****	2	1	0	1	2	2	1	2	2
23	1	2	2	2	2	2	2	2	2	2	3	2	3	2	3	3	2	3	3	2	2	4	8	9	3
24	2	2	2	3	3	3	2	2	0	0	0	0	2	2	1	2	2	2	1	2	2	2	1	1	2
25	2	1	2	0	2	3	3	4	1	2	3	2	3	3	2	****	****	****	****	****	****	3	3	2	2
26	2	2	4	3	3	3	2	2	2	2	2	1	2	3	5	3	2	1	0	0	0	0	0	0	2
27	1	1	1	2	2	3	4	4	6	5	5	4	2	2	2	1	1	1	0	0	0	1	2	1	2
28	0	0	0	0	1	4	4	3	4	4	5	5	3	2	2	2	2	2	1	2	2	2	2	2	2
29	1	0	0	2	2	1	0	1	0	0	1	2	1	1	2	2	2	1	1	2	1	0	1	0	1
30	2	1	1	1	1	1	1	0	0	0	0	****	****	****	4	3	4	3	3	3	3	4	4	3	2
31	3	2	1	2	4	2	1	2	2	3	2	4	5	5	4	7	6	5	4	5	3	3	3	3	3
MEAN	2	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005
POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	7	32
FEB	27	3	7	16
MAR	7	4	5	10
APR	30	3	10	24
MAY	31	6	12	23
JUN	27	2	5	15
JUL	11	2	3	12
AUG	31	1	3	31
SEP	29	2	6	28
OCT	31	2	6	27
NOV	30	1	6	17
DEC	31	2	5	14
YEAR	316	3	12	32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - SULPHUR DIOXIDE
STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005
UNIT - PARTS PER HUNDREDMILLION

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	551	176	7	3	1	0	738
FEB	482	82	8	1	0	0	573
MAR	57	42	0	0	0	0	99
APR	555	128	16	18	0	0	717
MAY	330	320	75	16	0	0	741
JUN	505	77	11	2	0	0	595
JUL	194	13	2	0	0	0	209
AUG	680	48	3	2	1	0	734
SEP	605	51	3	5	1	0	665
OCT	666	54	12	2	1	0	735
NOV	680	34	1	2	0	0	717
DEC	656	55	5	0	0	0	716
YEAR	5961	1080	143	51	4	0	7239

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.2	0.6	1.1	2.5	6.0	8.6	11.0	13.3	32	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	20	20	18	15	15	10	12	11	10	10	11	10	18	14	14	12	10	10	10	12	14	12	10	12	****
10													20	15	9	10	10	10	10	8	8	8	7	6	12
11																									
12																									
13																									
14																									
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	10	7	6	6	5	6	5	4	4	5	****
17	7	7	7	6	5	5	4	4	3	3	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****
18																									
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	8	6	11	10	8	7	7	7	10	7	5	4	12	13	14	13	10	10	9	10	6	7	8	9	****
21	0	0	7	5	5	4	2	2	2	1	1	1	0	0	2	2	2	2	1	1	1	1	1	1	2
22	1	1	9	10	9	8	9	10	7	6	1	0	0	6	5	6	6	4	1	2	4	10	4	5	
23	1	1	8	6	6	5	4	3	4	7	4	4	1	0	6	4	1	1	0	0	0	0	1	1	3
24	1	1	7	6	9	9	9	10	10	10	7	1	1	4	12	12	4	2	2	4	6	10	8	6	
25	6	6	10	10	10	14	19	18	4	1	0	0	0	0	8	4	2	1	1	1	7	5	1	1	5
26	2	3	9	6	6	4	4	7	3	2	1	0	0	0	0	0	0	0	0	1	4	4	2	2	3
27	2	6	6	1	2	5	3	1	1	3	2	1	1	1	2	4	3	2	2	3	2	6	3	3	
28	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	4	6	8	6	7	7	5	5	4	3	3	4	2	1	2	4	3	2	1	0	0	0	2	1	3
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	2	1
31	0	4	4	3	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
MEAN	4	4	8	6	6	6	6	6	5	4	4	3	4	4	6	6	4	4	3	3	4	4	4	4	5

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	1	0
2	0	7	7	2	0	0	0	0	2	1	0	1	1	2	10	10	8	6	6	4	5	8	14	5	4
3	3	1	8	6	6	6	6	6	5	3	2	2	2	2	7	6	5	3	3	2	2	2	2	2	4
4	2	1	6	6	7	8	11	10	5	6	2	2	1	2	10	9	9	5	6	6	6	6	6	6	6
5	6	5	10	10	14	15	20	21	10	10	10	13	10	7	8	9	8	5	5	5	4	5	6	7	9
6	5	4	14	13	12	19	20	15	10	8	7	6	6	4	9	7	5	5	5	4	4	4	4	3	8
7	2	2	7	7	6	6	5	4	4	4	3	6	7	5	8	10	9	8	8	8	8	7	7	6	
8	5	9	10	16	14	17	15	15	15	16	11	16	14	15	16	12	9	10	11	13	11	11	14	10	13
9	7	6	8	10	8	8	8	8	8	8	8	9	7	****	****	****	****	****	****	****	****	****	****	****	****
10																									
11	****	7	6	5	4	4	2	2	1	2	1	1	2	3	7	7	6	3	2	1	1	1	4	0	3
12	0	2	2	2	1	1	1	1	0	2	0	0	0	2	8	8	8	7	6	6	6	4	5	4	3
13	4	4	11	9	9	8	8	8	7	4	4	4	4	4	7	8	7	6	7	6	6	5	4	6	
14	4	4	8	10	8	7	6	7	7	6	6	4	3	3	7	7	16	15	13	10	7	7	7	6	7
15	6	6	9	10	10	12	12	10	10	10	9	8	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	5	4	3	2	2	2	3	4	2	2	0	1	7	7	8	8	8	9	10	7	4	4	5
17	4	4	7	8	7	6	6	8	6	8	7	7	4	4	6	7	6	6	6	7	6	7	6	7	6
18	4	4	8	7	7	8	8	7	6	7	5	3	2	2	8	5	5	6	4	6	3	2	1	0	5
19	0	0	4	3	2	2	2	2	1	0	0	0	0	0	7	4	4	3	3	3	5	4	4	2	2
20	2	2	4	4	4	5	3	2	2	2	1	0	0	2	7	6	5	5	6	4	4	4	4	4	3
21	3	3	8	7	7	7	6	6	5	5	5	6	6	5	8	7	7	6	7	7	5	4	4	4	6
22	5	5	8	10	9	6	9	7	9	5	5	5	5	4	3	****	7	7	6	5	4	4	4	3	6
23	3	4	4	8	9	7	6	6	5	5	8	5	3	2	2	7	6	5	5	4	4	4	4	5	
24	4	3	2	6	6	6	6	6	6	6	6	6	5	4	7	9	8	7	7	10	10	8	8	7	6
25	8	10	10	9	8	8	10	10	10	8	7	8	9	11	10	10	10	9	8	8	7	7	7	7	9
26	8	10	10	9	8	9	9	****	****	****	****	9	11	10	11	13	10	10	10	10	10	10	10	10	10
27	11	9	11	11	10	10	8	8	8	8	7	7	7	7	8	8	8	8	8	7	7	7	7	7	8
28	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7	8	8	8	8	8	8	8	8	8	7
MEAN	4	5	7	7	7	7	7	7	6	6	5	5	4	4	8	8	7	6	6	6	6	6	5	6	

PERCENTAGE OF DATA VALID - 91

UNITS - PARTS PER HUNDREDMILLION

NO 35033

MONTH MAR 70

[illegible]

PERCENTAGE OF DATA VALID - 29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH APR 70

[illegible]

PERCENTAGE OF DATA VALID - 20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	4	4	4	6	7	6	7	5	5	6	10	9	6	4	4	4	4	4	6	6	5
2	4	4	4	4	4	4	4	3	3	3	5	4	4	4	3	3	3	3	3	3	3	3	5	4	4
3	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	3	3	2	2	2	3	5	3	3	7	3	5	2	7	5	3	3	3	3	2	2	2	2	3	3
5	3	3	2	2	2	3	5	3	3	7	3	5	2	7	5	3	3	3	3	2	2	2	2	3	3
6	1	2	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7																									
8																									
9																									
10																									
11																									
12	2	2	2	2	1	1	1	1	1	2	3	4	6	5	6	6	13	7	4	5	4	3	4	4	4
13	6	5	4	4	3	3	3	5	4	2	2	2	4	4	3	2	2	2	2	1	1	1	0	0	3
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	4	2	2	2	2	1	1	1	0	0	1	0	3	2	2	2	1	1	1	0	0	0	0	0	1
16	2	2	2	2	1	1	1	1	0	0	0	0	3	2	2	2	1	1	1	1	0	0	0	0	1
17	3	2	1	1	1	1	1	1	1	1	2	3	2	2	2	1	0	0	0	0	0	0	0	0	1
18	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	1
19	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	1
20	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	1
21	3	3	3	3	2	2	1	2	1	2	2	2	4	4	3	3	3	3	2	2	2	2	2	1	1
22	3	3	3	3	2	2	1	2	1	2	2	2	4	4	3	3	3	3	2	2	2	2	2	2	2
23	3	3	3	3	2	2	1	2	1	2	2	2	4	4	3	3	3	3	2	2	2	2	2	2	2
24	3	3	3	3	2	2	1	2	1	2	2	2	4	4	3	3	3	3	2	2	2	2	2	2	2
25	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	1	0	0	0	0	1
26																									
27																									
28																									
29	5	5	6	7	7	8	8	7	4	7	4	5	9	5	5	5	6	4	5	6	7	7	4	4	6
30	4	3	3	3	2	2	2	3	3	3	3	3	5	4	4	3	3	2	2	2	1	1	1	1	3
31	3	2	2	2	2	2	2	2	3	4	4	3	4	4	3	4	3	2	2	2	2	2	2	2	3
MEAN	3	3	3	2	2	2	2	3	2	3	3	3	4	4	4	3	3	2	2	2	2	2	2	2	3

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	3	3	3	1	1	1	4	4	5	5	6	6	5	4	4	4	3	3	3
2																									
3	6	7	5	4	3	4	6	5	3	2	4	4	6	4	3	3	2	3	3	2	3	4	4	4	4
4	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
5	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
6	3	2	2	1	1	1	1	1	1	1	1	1	5	4	3	3	3	3	3	3	3	2	1	1	2
7	3	2	2	2	2	2	2	2	2	2	3	3	5	4	4	4	4	4	4	4	4	4	4	4	4
8																									
9																									
10																									
11	10	10	11	11	10	10	9	9	5	3	4	5	5	5	5	5	5	4	4	3	3	3	2	1	6
12	3	3	3	2	2	1	1	1	1	1	2	0	4	3	3	3	4	3	3	2	2	1	1	1	2
13	3	3	2	2	2	1	1	1	1	0	0	0	2	2	1	1	1	1	1	1	0	0	0	0	1
14	2	2	3	2	2	2	3	2	2	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0	1
15	5	4	3	4	4	4	3	3	3	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
16																									
17																									
18																									
19	2	1	1	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	0
20	4	4	4	4	4	4	4	4	4	4	4	4	2	1	1	1	0	1	0	0	0	0	0	0	2
21	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	2	1	1	0	0	0	0	0	0	0	0	1	2	2	3	3	3	3	2	2	2	2	2	2	2
23	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	4	3	3	3	3	3	3	3	2	2	3	2	4	3	3	3	3	3	3	3	2	2	2	2	3

PERCENTAGE OF DATA VALID - 57

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	****	****	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	0	0	2	1	1	3	1	****
11	1	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	15	3	2	1	1	1	0	0	1
12	1	1	0	0	0	0	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1
13	1	0	****	****	****	****	****	****	****	****	****	2	1	0	0	0	0	0	2	2	2	2	1	0	****
14	****	****	****	****	****	****	****	****	****	4	3	4	3	2	1	1	5	2	2	2	1	1	1	1	2
15	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2	4	2
16	3	3	2	2	3	3	4	4	4	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	4	1	2	2	2	1	1	1	1

PERCENTAGE OF DATA VALID - 17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	4	3	2	3	3	3	2	2	****
7	3	3	3	3	2	3	3	2	2	3	4	7	6	6	6	5	4	3	5	5	6	6	7	7	4
8	8	6	4	4	6	8	11	11	12	15	5	5	4	4	5	9	8	5	5	11	9	7	6	5	7
9	5	3	3	3	3	1	1	1	1	1	1	2	2	1	4	12	12	5	4	1	2	1	0	0	3
10	0	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	1
12																									
13																									
14																									
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	2	2	2	3	3	2	2	3	****
17	5	4	5	5	4	4	6	5	6	5	7	9	12	7	6	5	4	4	7	4	3	2	3	3	5
18	3	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	2	3	3	3	3	3	3	3	3
19	4	4	4	4	5	6	7	8	7	5	1	48	5	2	2	2	4	11	10	3	1	0	1	6	8
20	4	7	6	7	8	8	9	11	12	4	3	2	4	3	3	11	29	29	13	15	3	3	3	3	8
21	7	3	4	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
22	3	2	1	2	4	6	6	5	4	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	3
23	4	3	2	2	2	3	3	3	3	3	3	3	5	8	7	9	9	5	4	4	4	4	4	4	4
24	5	4	4	3	3	3	2	3	3	3	2	4	6	4	4	3	2	3	3	3	5	3	3	3	4
25	5	5	4	4	4	4	5	5	5	5	3	3	3	3	3	4	4	7	16	10	1	1	1	1	4
26	5	4	4	4	4	4	4	5	5	5	3	3	5	5	5	2	2	5	2	2	1	1	1	1	4
27	9	9	8	8	6	6	8	7	5	3	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	2	2	1	2	2	2	2	3	2	2	2	0	1	1	1	2	2	2	2	2
29	5	4	3	2	3	3	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	2
30	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2
MEAN	4	4	3	3	3	4	4	4	4	3	2	5	4	3	3	4	5	5	4	4	3	3	3	3	4

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	11	8	8	17	21	5	2	2	2	1	1	***
3	3	5	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	0	0	2
4	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	0	0	1	0	1	1
5	2	1	1	1	1	1	1	1	1	2	0	0	1	1	1	1	1	1	1	1	3	2	1	0	1
6	1	1	1	2	1	0	0	0	1	3	3	0	1	0	1	1	1	1	1	1	1	1	1	1	1
7	2	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2
8	4	4	5	5	6	5	5	6	6	5	2	2	2	2	2	3	5	2	1	1	1	1	1	5	3
9	9	9	9	9	8	7	3	3	3	3	3	3	4	3	9	12	5	3	3	3	3	3	3	3	5
10	4	4	5	3	5	5	3	2	3	3	3	3	4	3	3	3	3	6	5	5	4	3	2	3	4
11	5	5	5	4	4	5	7	6	7	7	5	6	4	4	3	3	4	4	6	6	6	5	5	4	5
12	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3
13	3	3	2	2	2	2	3	3	3	2	2	2	3	3	2	2	2	2	2	1	1	1	1	1	2
14	2	1	1	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
15	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	4	4	1
16	5	3	2	2	3	3	3	3	3	3	2	2	3	3	3	4	3	2	2	2	3	3	3	4	3
17	5	4	4	3	4	4	4	4	4	4	3	3	3	3	2	2	2	3	3	6	6	7	10	9	4
18	5	4	3	4	4	4	4	3	3	2	2	3	3	2	2	2	2	2	3	3	5	4	4	3	3
19	3	3	5	9	7	6	8	9	8	11	8	7	5	5	3	4	4	6	6	3	5	7	8	3	6
20	3	1	1	1	1	0	0	0	0	0	0	1	2	2	1	1	1	1	0	0	0	0	0	0	1
21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	0	1	1	2	2	1	0	1	2	1	1	4	8	9	4	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	0	1	0
24	1	0	3	3	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
25	2	0	0	0	1	1	1	1	1	0	4	4	5	7	3	3	1	1	3	2	1	2	1	3	2
26	5	3	1	1	4	9	4	6	5	2	4	2	1	1	0	0	0	1	3	3	3	4	6	3	2
27	3	4	1	1	3	4	3	3	2	2	3	2	5	3	3	3	3	2	3	2	2	2	2	2	3
28	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
29	1	1	2	2	0	0	1	1	0	0	0	0	1	1	1	1	2	1	2	2	2	1	1	1	1
30	2	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	2	3	4	5	4	***	***	2
MEAN	3	3	2	2	3	3	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	3	3	3	3	4	4	6	5	7	7	4	3	3	3	4	2	4	7	9	7	5	4	5	5	5
15	7	7	5	6	8	7	8	11	11	12	11	9	6	12	9	6	6	7	6	4	3	3	3	1	7
16	1	1	3	1	2	0	1	3	5	2	1	1	2	2	1	2	1	1	1	0	0	0	0	0	1
17	1	1	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1
18	2	1	2	1	1	0	0	1	2	2	1	1	2	2	2	2	1	1	1	2	2	2	1	3	1
19	4	3	3	3	2	2	2	2	2	1	0	1	2	1	1	0	0	0	0	0	0	0	0	0	1
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	5	7	6	6	4	3	4	5	***
29	3	5	5	4	5	10	10	11	7	5	4	3	3	3	3	3	3	3	2	3	3	3	2	2	4
30	2	3	2	2	2	2	4	4	3	2	3	2	3	3	3	3	4	6	6	6	6	5	5	4	4
31	4	6	5	4	5	5	7	6	7	7	7	8	7	5	5	7	5	6	6	4	4	4	3	4	5
MEAN	3	3	3	2	3	3	4	4	5	4	3	3	3	3	3	3	3	4	3	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 33

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	5	12	20
FEB	27	6	13	21
MAR	10	7	12	25
APR	8	5	10	24
MAY	25	3	6	13
JUN	24	3	6	11
JUL		DATA MISSING		
AUG	7	1	2	15
SEP		DATA MISSING		
OCT	22	4	8	48
NOV	30	2	6	21
DEC	11	3	7	12
YEAR	181	4	13	48

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	199	110	19	10	0	0	338
FEB	211	362	27	17	0	0	617
MAR	52	132	21	12	0	0	217
APR	86	49	6	10	0	0	151
MAY	379	52	1	0	0	0	432
JUN	341	72	2	0	0	0	415
JUL		DATA MISSING					
AUG	126	1	0	1	0	0	128
SEP		DATA MISSING					
OCT	371	104	12	3	2	1	493
NOV	602	82	3	2	0	0	689
DEC	183	60	6	0	0	0	249
YEAR	2550	1024	97	55	2	1	3729

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
51	0	0.4	1.1	2.4	4.2	7.9	9.7	12.8	15.4	48	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH JAN 70

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1													- DATA MISSING	-											
2													- DATA MISSING	-											
3													- DATA MISSING	-											
4													- DATA MISSING	-											
5													- DATA MISSING	-											
6													- DATA MISSING	-											
7													- DATA MISSING	-											
8													- DATA MISSING	-											
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	2	2	1	1	1	3	4	2	2	4	3	3	2	5	4	5	6	6	6	6	4	7	8	6	.....
11													- DATA MISSING	-											
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	3	8	11	10	6	6	6	4	4	.....
13	5	4	4	3	3	2	3	5	3	3	3	3	4	4	4	7	7	7	5	4	3	4	4	4	4
14	4	4	6	6	8	8	8	8	6	10	4	3	3	3	3	3	3	4	4	4	4	8	6	6	5
15	7	5	6	9	8	7	8	8	6	8	9	11	9	9	17	8	6	6	6	5	10	7	7	7	8
16	7	7	7	7	8	8	8	7	14	23	24	24	19	15	11	7	6	7	7	7	7	7	7	7	10
17	6	6	6	6	6	5	5	4	4	6	6	6	5	4	4	3	7	7	7	7	6	8	7	7	6
18	13	13	14	13	13	16	15	16	16	4	5	6	9	9	12	13	14	13	16	14	14	16	15	15	13
19	14	12	12	12	13	13	13	12	10	15	11	11	11	15	11	15	15	15	15	10	10	11	11	12	12
20	11	10	11	9	9	9	8	8	8	12	10	9	11	9	9	7	8	9	14	12	10	15	14	14	10
21	13	10	8	8	9	8	5	5	6	9	9	10	10	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	9	8	8	9	8	7	11	12	13	13	11	8	7	5	3	5	6	6	6	7	8	9	8	9	8
23	8	8	7	6	7	5	9	6	8	8	7	6	8	11	21	11	10	13	8	8	5	5	5	5	8
24	5	4	4	4	3	4	6	5	4	6	6	6	5	5	6	4	5	4	7	7	7	10	11	6	6
25	9	11	10	6	9	9	19	15	17	9	10	12	14	15	13	8	7	7	9	7	5	4	4	10	10
26	4	4	4	4	5	5	8	8	7	7	6	6	6	5	.....	2	2	1	2	1	1	2	2	4	4
27	1	3	5	5	5	6	7	5	3	1	1	1	1	2	2	2	3	4	4	4	3	4	2	2	3
28	1	0	0	0	0	0	4	2	1	1	2	8	10	6	9	19	16	12	18	20	14	9	9	8	7
29	7	6	6	7	7	7	9	7	7	6	6	6	6	3	3	3	2	4	9	12	12	17	14	13	7
30	12	13	14	6	2	5	3	2	2	1	1	2	1	1	2	1	1	1	4	3	2	2	2	1	4
31	1	1	1	2	2	1	2	3	2	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1
MEAN	7	7	7	6	6	6	8	7	7	8	7	7	7	7	7	6	7	7	8	7	7	7	7	7	7

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	0	0	1	2	1	1	1	1	1
2	1	1	2	5	5	14	16	2	1	1	1	0	0	3	2	3	1	1	2	0	9	17	23	23	6
3	18	14	9	13	7	4	2	2	10	11	7	17	15	15	19	17	13	14	15	8	10	7	7	1	11
4	3	4	0	0	0	1	4	6	3	4	1	0	0	0	0	1	0	0	3	1	1	1	3	4	2
5	3	3	2	2	2	2	3	2	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	
6	1	0	0	0	2	2	3	12	10	2	2	2	5	3	2	2	2	3	4	4	3	3	3	2	3
7	2	2	2	1	1	1	4	2	2	2	2	2	2	2	2	2	2	6	6	6	6	6	7	3	
8	7	4	6	4	4	3	8	7	6	6	8	6	9	11	5	4	5	6	9	6	7	6	4	5	6
9	5	3	2	2	2	2	4	4	4	3	3	4	3	3	3	3	3	2	5	4	4	3	4	3	
10	4	4	4	4	3	3	4	4	3	3	3	3	3	2	2	2	2	2	3	3	3	2	2	3	
11	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	4	4	3	4	3	3	4	5	4	3
12	2	3	1	3	2	1	2	2	3	2	2	2	1	1	1	0	0	0	3	3	2	2	2	1	2
13	1	1	2	1	2	1	3	3	2	2	1	1	2	1	1	1	1	1	3	3	2	2	3	2	
14	3	2	2	1	0	1	3	2	2	2	3	1	1	1	1	1	1	0	3	3	4	7	7	6	2
15	4	3	2	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	3	3	4	3	2	3	2
16	2	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	4	2	2	2	3	2	2
17	4	3	3	5	5	4	8	8	5	3	3	4	4	4	4	4	4	4	6	8	7	6	8	10	5
18	10	9	7	7	8	8	13	10	10	7	5	4	3	3	3	2	3	3	5	5	2	2	1	1	5
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	
20	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
21	1	1	1	1	1	1	2	2	2	2	3	1	1	1	1	1	2	1	2	1	1	1	1	1	1
22	1	1	1	1	2	4	4	8	5	5	5	5	5	5	5	4	4	5	4	5	3	3	4	4	4
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	1	1	2	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	3	4	4	3	2
27	3	3	5	4	6	3	3	2	2	2	3	2	2	1	1	1	1	1	1	2	1	3	2	2	2
28	1	2	4	4	4	2	2	2	2	2	2	1	2	3	3	3	2	2	3	3	3	2	4	4	3
MEAN	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	2	2	2	4	3	3	4	4	4	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	2	2	4	3	4	4	7	6	6	4	5	3	2	2	2	2	2	2	2	3	4	3
2	5	6	6	6	6	6	6	6	5	5	5	5	5	4	5	6	6	5	5	5	5	6	6	4	5
3	4	5	4	5	4	7	4	6	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
4													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
12													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
13													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
16													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	4	3	3	3	2	2	2	2	*****
26	2	2	2	2	1	1	3	3	2	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2
27	2	2	1	2	2	1	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	1	2	2	1	1	1	1	1	1	2	1	1	1	1	3	3	2	2	3	2	2
29	3	2	3	3	2	2	2	2	3	2	3	2	2	2	3	1	3	2	1	2	1	2	3	1	2
30	1	2	3	2	2	3	4	2	3	3	3	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
31													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	3	3	2	3

PERCENTAGE OF DATA VALID - 23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	3	3	2	2	2	3	****
3	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	2	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
5	2	3	2	3	2	3	3	2	2	2	3	2	3	3	3	3	3	3	3	4	4	6	6	6	3
6	6	6	2	3	2	3	3	2	4	6	6	5	4	4	4	4	4	4	4	5	5	6	7	6	5
7	6	6	6	6	5	6	5	7	6	5	5	5	6	6	6	5	5	5	6	6	5	5	5	5	5
8	6	6	6	6	5	6	6	5	4	5	5	4	4	4	3	4	4	4	3	4	5	5	5	4	4
9	6	5	6	5	5	4	4	5	5	4	4	4	4	3	3	4	4	4	3	4	5	5	5	4	4
10	4	4	3	4	3	4	3	4	3	3	****	2	3	2	2	1	2	1	1	2	2	2	2	2	3
11	2	2	1	1	1	0	0	2	2	1	2	2	1	2	1	2	1	1	2	2	3	3	2	3	2
12	4	3	2	3	3	3	3	3	3	2	2	2	0	2	2	2	1	1	2	2	2	2	1	1	2
13	1	0	1	1	2	2	2	4	4	2	2	1	1	2	2	1	1	0	0	2	2	2	2	2	2
14	2	2	1	1	0	1	0	2	1	2	2	1	1	1	1	1	1	1	0	2	2	1	1	2	1
15	1	1	1	1	1	1	0	1	0	2	****	3	3	4	3	1	2	2	1	4	4	4	4	4	2
16	4	5	3	4	4	4	5	12	15	12	9	5	5	4	7	10	5	4	3	5	6	14	9	8	7
17	8	8	10	7	7	9	10	12	9	8	6	7	6	4	4	3	4	3	3	5	6	6	5	5	6
18	5	5	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19												- DATA MISSING -													
20												- DATA MISSING -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	4	4	4	5	6	5	5	4	****
22	4	4	4	4	5	4	3	5	5	5	5	3	2	2	2	2	1	1	1	2	4	2	4	7	3
23	5	3	4	3	4	3	4	6	10	11	5	3	1	1	1	1	1	1	1	3	3	2	2	2	3
24	2	1	1	1	1	1	11	9	16	2	2	2	1	1	1	1	1	1	1	3	7	5	3	3	3
25	2	2	2	3	1	2	2	4	3	3	2	2	1	1	1	1	1	1	1	4	4	3	3	2	2
26	2	2	2	2	2	2	2	6	4	5	6	5	3	2	2	2	1	1	1	3	4	3	4	2	3
27	2	5	4	2	1	2	2	5	4	3	5	8	5	8	7	8	6	2	4	5	5	6	7	6	5
28	5	4	3	2	2	3	4	7	8	12	7	6	7	7	6	4	3	5	11	13	10	7	5	3	6
29	4	3	3	3	2	1	2	6	4	3	****	3	4	5	5	5	4	2	3	3	5	4	3	3	3
30	3	3	4	3	3	3	3	5	10	15	6	5	5	3	7	5	5	4	6	6	6	4	5	3	5
MEAN	3	3	3	3	3	3	3	5	5	5	4	3	3	3	3	3	3	2	3	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	5	4	4	3	6	9	8	5	4	3	3	2	2	2	2	1	1	3	3	2	3	1	3
2	2	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0
3	0	0	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	0	1	2	1	1	1	1
4	1	1	2	3	3	1	2	2	3	2	2	2	3	1	1	1	0	0	1	2	1	1	0	0	1
5	0	0	0	0	0	2	1	2	2	2	2	4	3	1	6	5	5	5	5	5	5	5	5	5	2
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	1	2	1	1	1	1	2	6	3	2	2	2	2	1	2	2	2	1	1	2	3	2	1	1	.....
8	2	1	1	1	4	3	5	6	6	7	6	5	5	2	2	2	2	1	1	1	1	1	1	1	2
9	4	6	6	4	5	6	2	5	4	4	3	3	3	3	2	2	2	8	11	10	9	8	8	6	6
10	2	2	2	3	4	4	6	6	6	6	7	4	4	4	3	2	2	2	2	2	3	3	3	3	4
11	4	3	3	2	2	3	3	4	4	3	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3
12	3	2	2	2	2	2	2	3	3	3	.....	2	2	2	1	2	2	1	2	2	3	3	3	3	2
13	2	2	2	2	3	4	3	6	3	3	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
14	2	2	1	1	1	1	1	3	2	1	1	2	2	4	4	2	1	1	1	3	4	2	2	2	2
15	1	1	1	1	1	1	0	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	3	1
16	2	1	3	4	4	3	4	4	3	2	2	3	4	4	2	2	1	3	3	1	3	2	2	2	3
17	2	2	1	1	1	1	0	2	3	2	2	2	1	0	0	0	0	0	0	2	2	2	1	2	1
18	1	1	1	1	1	0	0	2	4	3	2	3	3	2	3	3	3	2	2	2	1	0	1	1	2
19	1	1	0	1	3	3	2	4	3	2	3	3	3	2	2	2	2	2	2	1	3	1	1	1	2
20	0	0	0	0	0	0	0	1	1	1	1	0	0	1	3	0	0	0	0	2	1	3	1	1	1
21	2	4	1	1	1	1	2	7	5	8	7	4	1	12	12	17	13	7	4	5	6	6	6	6	6
22	4	5	5	3	2	1	1	3	3	3	3	2	2	2	1	1	1	1	0	3	5	2	1	1	2
23	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	3	2	1	1	1	1
24	1	1	0	0	0	0	0	2	1	0	0	0	0	1	1	1	2	1	0	2	3	1	1	1	1
25	1	1	1	1	1	1	1	4	5	6	6	4	6	15	8	8	14	8	4	3	3	3	3	3	5
26	2	2	2	1	1	1	2	2	3	3	3	3	2	2	2	1	1	1	2	3	2	2	2	2	2
27	2	1	1	1	1	1	1	3	3	2	2	1	1	1	1	0	1	2	3	2	2	2	1	2	2
28	1	2	1	1	1	1	0	3	2	2	2	2	2	2	4	4	1	1	2	3	3	2	2	3	2
29	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1	1	2	1	2	3	3	3	2	3	2
30	3	5	6	8	7	4	3	5	5	5	5	6	4	3	3	3	3	4	4	4	6	6	5	2	5
31	3	6	4	4	6	5	5	5	4	4	3	3	3	2	2	2	2	2	3	4	3	3	3	3	4
MEAN	2	2	2	2	2	2	2	4	3	3	3	2	2	3	3	2	2	2	2	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	4	4	3	4	4	4	4	4	3	4	4	3	2	2	3	5	10	6	4	3	3	4
2	3	7	7	8	7	7	7	7	6	5	4	3	3	2	2	2	2	2	2	3	4	2	2	2	4
3	1	1	2	1	1	2	2	2	2	2	2	1	1	1	1	1	0	1	2	2	1	2	2	1	1
4	2	1	1	0	1	1	2	4	2	1	1	2	2	1	2	4	8	1	2	2	2	3	2	2	2
5	2	2	2	1	2	2	2	2	2	1	1	2	1	1	1	2	2	2	4	2	2	2	1	1	2
6	0	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	1	2	1	1	1	1	1	1
7	1	0	1	0	1	0	3	5	5	0	2	2	2	2	2	2	3	4	5	7	6	4	4	3	3
8	5	4	4	3	1	2	2	3	3	2	1	4	3	2	1	1	1	1	2	2	1	2	1	2	1
9	2	1	1	1	1	1	2	2	2	1	2	2	2	.....	.....	2	2	2	2	4	3	3	3	4	2
10	2	2	2	2	2	2	2	4	3	4	4	3	2	2	2	2	2	2	2	4	3	4	4	3	3
11	2	2	3	3	3	3	3	5	4	4	3	2	2	2	2	2	3	2	2	3	3	2	2	2	3
12	3	2	2	2	2	2	2	3	3	2	2	2	2	1	2	1	1	1	1	2	2	2	1	1	2
13	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
14	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
15	1	2	1	2	1	1	2	3	3	14	7	3	2	2	3	3	4	3	4	4	4	4	4	3	3
16	3	3	2	2	2	3	2	4	5	6	7	5	3	4	3	3	3	2	2	3	2	3	3	2	3
17	2	2	2	2	2	1	1	3	2	2	3	2	3	3	3	2	3	2	2	3	3	2	2	2	2
18	2	2	2	1	1	1	1	3	2	4	3	2	1	2	2	2	1	2	2	2	2	2	2	1	2
19	1	1	1	1	1	1	1	2	1	1	1	1	.....	1	1	0	1	1	1	1	1	0	1	1	1
20	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	0	0	0	0	0	2	2	1	2	1	2	2	1	1	1	1	1	1	1	2	2	2	1
22	1	0	0	0	0	0	0	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	3	2	2	1	2	8	7	4	2	2	2	2	2	2	1	1	2
24	0	1	0	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
25	2	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1	3	2	2	2	2	2	1	1	2
26	0	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	0	0	1
27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	1	1	2	1	0	0	1
29	0	1	1	1	0	0	1	0	1	.....	.....	2	1	1	1	1	1	1	1	7	3	3	2	2	1
30	4	4	4	4	4	4	4	6	6	6	6	5	5	4	18	1	1	1	1	1	1	1	1	1	4
MEAN	2	2	2	1	1	1	2	3	2	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

UNITS - PARTS PER HUNDREDMILLION

MONTH JUL 70

PERCENTAGE OF DATA VALID - 45

UNITS - PARTS PER HUNDREDMILLION

MONTH AUG 70

PERCENTAGE OF DATA VALID - 6

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18												-	DATA MISSING	-											
19												-	DATA MISSING	-											
20	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 23

MONTH OCT 70

[illegible]

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - SULPHUR DIOXIDE													UNITS - PARTS PER HUNDREDMILLION													
STATION - ISLINGTON/401 ETOBICOKE													NO 35036 MONTH NOV 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5													- DATA MISSING -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	7	6	5	5	4	****		
7	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	1	1	3		
8	2	2	2	3	4	3	4	3	3	4	3	2	2	2	2	2	2	2	2	3	3	4	3	3		
9	3	4	3	3	3	3	3	4	5	12	8	6	5	8	5	4	5	6	4	4	3	3	2	3		
10	4	4	3	3	2	2	2	2	2	2	3	6	8	5	4	3	2	2	2	1	1	1	1	3		
11	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2		
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1		
13	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	2	2	2	1	1	1	1		
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
15	0	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1		
16	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0		
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18	1	1	1	1	1	1	1	2	1	2	1	1	1	0	0	0	0	1	1	0	1	2	1	1		
19	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1		
20	3	2	3	3	2	1	1	1	1	1	2	1	2	1	2	2	1	1	1	1	1	1	0	1		
21	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	3	1		
22	4	4	4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	3		
23	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
24													- DATA MISSING -													
25													- DATA MISSING -													
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	5	6	7	8	9		
27	9	10	11	11	11	12	13	15	13	13	11	10	9	9	8	8	7	6	6	5	5	4	4			
28	4	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2			
29	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	2	2	2	2	2	2			
30	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	2	2			
MEAN	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
PERCENTAGE OF DATA VALID - 68																										

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - SULPHUR DIOXIDE													UNITS - PARTS PER HUNDREDMILLION													
STATION - ISLINGTON/401 ETOBICOKE													NO 35036 MONTH DEC 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5													- DATA MISSING -													
6													- DATA MISSING -													
7													- DATA MISSING -													
8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9	5	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	5	5	6	6	6	
10	2	2	2	4	5	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
11	4	4	4	4	4	4	4	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	
13	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
14	4	4	4	4	5	6	7	6	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	
15	4	4	4	4	4	4	5	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	4	
16	3	3	3	3	3	2	3	3	2	2	2	2	2	3	5	5	4	3	3	3	3	3	3	3	3	
17	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	
18	4	4	3	3	3	4	4	4	5	4	3	3	2	2	3	6	6	4	4	5	5	5	6	8	4	
19	8	7	6	6	6	7	7	5	4	3	3	3	3	3	3	3	3	3	3	3	2	2	1	1	4	
20	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	....	....	....	....	....	....	....	....	....	....
21													- DATA MISSING -													
22													- DATA MISSING -													
23													- DATA MISSING -													
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28													- DATA MISSING -													
29													- DATA MISSING -													
30													- DATA MISSING -													
31													- DATA MISSING -													
MEAN	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	3	
PERCENTAGE OF DATA VALID - 37																										

PERCENTAGE OF DATA VALID - 37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ISLINGTON/401 ETOBICOKE
POLLUTANT - SULPHUR DIOXIDE

NO 35036

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	7	13	24
FEB	28	3	11	23
MAR	9	3	5	7
APR	27	4	7	16
MAY	31	2	6	17
JUN	30	2	4	18
JUL	17	1	2	19
AUG	4	2	0	4
SEP	8	1	3	3
OCT	24	2	4	6
NOV	23	2	9	15
DEC	13	3	5	8
YEAR	236	3	13	24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	158	231	61	31	0	0	481
FEB	540	79	9	11	0	0	639
MAR	143	30	0	0	0	0	173
APR	437	148	9	3	0	0	597
MAY	643	76	6	2	0	0	727
JUN	679	35	1	1	0	0	716
JUL	335	5	0	1	0	0	341
AUG	48	0	0	0	0	0	48
SEP	168	0	0	0	0	0	168
OCT	509	26	0	0	0	0	535
NOV	450	36	9	1	0	0	496
DEC	228	51	0	0	0	0	279
YEAR	4338	717	95	50	0	0	5200

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
59	0	0.3	0.8	1.6	2.7	5.5	7.6	11.6	13.9	24	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 1589 WATERSEDGE CLARKSON PEEL NO 46012

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	4	4	6	6	7	10	11	11	7	5	6	5	3	4	3	2	2	2	2	2	2	5
2	2	3	3	3	4	4	4	4	5	4	3	2	3	4	6	8	9	9	10	7	7	9	9	11	6
3	11	9	9	10	11	9	7	7	5	4	3	3	3	3	3	3	5	5	4	3	3	2	3	3	5
4	4	4	4	4	6	11	7	6	7	8	9	9	8	7	5	6	7	7	5	4	4	4	3	3	6
5	3	6	3	8	8	9	8	8	6	7	5	4	3	3	****	****	1	0	0	0	0	0	0	0	4
6	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2	2	2	2	1	1	0	1	1	0	2	1	1	1	1	2	1
8	5	4	3	2	2	2	2	2	1	1	1	1	1	2	2	3	3	4	2	2	2	2	2	2	2
9	2	2	3	2	2	2	2	2	2	2	1	2	****	1	2	2	2	2	2	1	1	****	****	****	2
10																									
11																									
12	2	1	1	1	1	0	8	5	3	2	2	0													
13																									
14	****	****	1	3	6	6	3	3	2	1	****	****	0	0	0	0	0	0	0	1	0	0	0	0	1
15	0	0	1	2	7	7	5	5	7	9	1	0	0	0	0	0	0	0	0	0	1	1	2	0	2
16	1	2	2	3	4	2	2	2	3	4	****	****	13	16	13	****	6	7	4	4	3	2	2	2	5
17	2	2	2	3	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
18	2	2	1	2	2	3	4	4	4	4	3	4	3	3	2	3	3	2	3	4	4	3	3	3	3
19	4	4	5	9	13	12	12	11	8	7	9	9	7	8	6	6	4	4	3	3	3	2	2	3	6
20	3	3	3	3	3	3	4	4	4	3	6	5	3	3	3	4	4	4	4	3	3	3	3	3	4
21	3	2	2	2	3	3	2	2	2	2	2	3	2	2	2	3	3	5	5	5	4	4	5	5	3
22	6	6	5	5	7	2	2	5	4	7	7	8	10	9	7	9	12	12	14	18	8	7	9	11	8
23	12	6	7	7	6	6	5	5	3	3	3	3	2	2	2	1	1	1	1	2	2	2	2	3	4
24	3	4	6	7	6	11	7	5	15	13	11	16	15	12	11	10	6	9	11	11	10	10	12	11	10
25	11	10	9	6	3	4	5	5	4	4	3	3	3	3	3	2	2	1	4	6	6	6	4	4	5
26	4	4	4	4	4	4	4	3	4	4	3	3	3	3	2	2	2	1	2	2	2	2	2	2	3
27	2	2	3	4	5	5	6	6	7	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3
28	2	2	2	2	2	2	1	1	2	1	2	2	2	2	1	1	1	2	2	2	3	4	3	3	2
29	2	1	1	1	1	2	1	2	2	3	4	3	2	2	2	2	2	2	2	2	2	3	3	4	2
30	5	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	4	2
31	6	5	3	3	3	5	6	6	7	10	8	5	4	3	3	3	3	3	3	2	2	2	2	2	4
MEAN	4	3	3	4	4	5	4	4	4	4	4	4	4	4	3	3	4	3	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 1589 WATERSEDGE CLARKSON PEEL NO 46012

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	3	3	2	2	3	4	3	2	3	2	2	2	3	8	7	7	5	4	6	7	4
2	9	10	6	3	1	2	1	2	1	1	1	1	1	1	0	0	1	1	1	1	1	2	7	3	2
3	1	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	2	2	2	2	3	2	2	3	3	3	1	2	1	4	5	6	7	5	2	1	1	10	8	3
5	7	7	8	8	7	7	8	9	8	8	8	6	6	5	4	2	3	2	1	1	1	1	1	1	5
6	1	1	1	1	1	1	1	1	2	2	3	3	3	2	****	****	****	****	****	****	****	****	****	****	****
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	5	5	3	3	3	2	2	****
17	4	3	3	3	3	3	3	4	7	6	6	5	5	5	6	6	6	6	7	6	6	6	5	5	5
18	7	6	6	6	6	9	9	10	9	9	7	7	6	6	6	7	7	6	6	6	5	5	4	4	7
19	3	3	4	4	3	3	3	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20																									
21																									
22																									
23																									
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	1	1	1	****
25	1	1	1	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
26	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	3	3	3	3	2	2	1	1	1	2
27	1	1	1	2	3	2	2	2	2	1	1	3	6	1	1	2	2	1	1	1	1	1	0	1	2
28	2	0	0	****	****	****	****	****	****	0	1	1	0	0	0	1	1	1	1	****	****	****	****	****	****
MEAN	3	3	3	3	3	3	3	3	4	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 1589 WATSEEDGE CLARKSON PEEL NO 46012

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	1	2	DATA MISSING	-	3	3	3	3	3	3	3	3	3	3	****
2	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	5	6	5	4	4	15	16	17	17	17	16	18	17	17	18	17	16	16	15	15	12
6	14	13	13	15	14	13	13	13	13	13	12	12	13	11	11	11	11	11	11	10	11	10	10	10	12
7	9	9	8	10	9	9	8	9	9	9	9	8	8	8	7	8	8	7	7	7	6	5	5	5	8
8	5	4	4	7	7	6	6	6	6	6	5	5	4	4	3	4	4	4	4	4	4	4	4	4	5
9	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
11	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
12	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
13	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
14	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
15	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
16	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
17	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
18	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
19	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
20	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
21	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
22	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
23	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
24	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
25	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING	-	DATA MISSING
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	5	4	4	4	3	2	1	1	****
27	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2
28	2	3	4	4	4	4	5	4	4	3	2	1	0	0	2	1	1	1	1	1	1	1	1	1	2
29	1	1	0	0	0	0	0	0	0	1	4	0	0	0	0	1	1	1	0	0	0	0	0	0	0
30	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	1	2	5	7	1	1	1	0	0	0	0	0	0	0	1
MEAN	4	4	4	4	4	4	4	4	4	4	5	4	5	5	4	4	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 1589 WATSEEDGE CLARKSON PEEL NO 46012

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	0	0	0	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
4	2	1	1	1	1	1	1	1	1	1	1	0	0	0	2	3	2	2	2	2	2	2	2	2	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
6	2	1	4	3	3	3	3	3	3	2	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3
7	2	2	3	3	2	2	2	2	2	2	2	2	2	2	4	6	3	3	2	2	3	4	2	3	4
8	4	3	7	6	3	6	3	3	3	4	2	2	1	2	1	5	7	4	5	5	3	3	4	2	3
9	1	1	3	2	3	2	2	2	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****
10												-	DATA MISSING	-											
11	****	****	****	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1
12	1	1	3	2	2	1	2	2	5	3	3	2	2	2	0	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	2	2	2	2	3	2	2	2	****
14	2	2	4	4	3	4	3	3	3	3	3	3	3	2	4	4	4	4	4	5	4	4	3	3	3
15	3	3	3	2	2	2	2	2	8	5	2	2	2	2	4	4	4	3	3	3	2	2	2	2	3
16	2	2	2	2	2	2	2	2	3	1	1	1	1	1	3	3	3	3	2	3	3	3	2	2	2
17	2	2	2	2	2	2	4	5	5	5	4	4	4	3	5	4	3	3	2	2	3	4	3	3	3
18	3	3	3	3	1	2	2	2	2	2	2	2	2	2	5	4	4	3	3	3	3	3	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
20	1	1	1	1	1	1	1	1	1	1	3	2	2	2	3	3	3	3	3	3	3	3	2	2	2
21	2	2	3	3	2	2	2	2	2	3	2	2	2	2	4	3	3	3	3	3	3	2	2	2	2
22	2	2	4	3	3	3	3	3	3	3	3	3	3	2	4	4	3	3	3	3	3	3	3	3	3
23	3	2	4	4	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	4	3	3	3	4
24	3	2	4	8	6	6	****	2	3	3	3	4	3	2	2	2	2	3	3	3	3	2	2	2	3
25	2	2	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
26	1	1	****	2	2	2	2	2	2	2	2	3	3	****	****	****	****	****	****	****	5	5	4	3	3
27	3	3	****	****	****	****	****	****	****	****	****	****	4	4	4	4	5	7	6	4	4	4	4	4	6
28	4	4	4	7	7	6	5	5	5	5	4	4	4	4	5	6	7	7	7	7	7	6	6	6	6
29	5	5	5	6	5	5	5	5	5	5	5	5	5	5	6	5	5	4	4	3	3	2	2	1	4
30	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	2	2	3	3	3	3	2	2	3	3	2	2	2	2	3	3	3	3	3	3	3	3	2	2	3

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - SULPHUR DIOXIDE													UNITS - PARTS PER HUNDREDMILLION												
STATION - 1589 WATERSEDGE CLARKSON PEEL													MONTH MAY 70												
NO 46012	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	2	3	3	3	3	4	3	4	6	4	3	6	7	4	5	4	3	3	2	2	2	2	2	3
5	2	2	2	3	3	2	3	4	4	2	3	3	2	6	3	3	2	2	2	2	2	2	2	2	3
6	2	2	2	2	2	2	2	1	1	1	1	1	1	1	3	2	2	2	2	1	2	2	1	1	2
7	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
8																									
9																									
10	0	0	0	0	0	0	0	0	0	0	1	0	0	2	4	3	3	2	4	3	2	1	1	1	1
11	0	0	0	1	1	1	1	1	1	1	1	1	1	2	3	4	2	2	1	1	0	0	0	0	1
12																									
13																									
14																									
15																									
16																									
17																									
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	2	1	0	0	0
19	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1
20	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1
21	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
22	1	1	2	1	2	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2	3	3	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	2
25	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	3	2
26	2	2	3	3	3	3	4	5	6	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
27	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	4	9	6	4	3	3	3	3	4	4	4	3	3	3	3	3	3	3	4
29	3	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	1	2	3	2	1	4	4	3	1	0	0	0	0	0	0	1
MEAN	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - SULPHUR DIOXIDE													UNITS - PARTS PER HUNDREDMILLION												
STATION - 1589 WATERSEDGE CLARKSON PEEL													MONTH JUN 70												
NO 46012	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	10	3	11	17	10	7	2	3	9	7	7	18	3	1	5
2	1	1	1	1	2	2	2	3	8	19	16	12	14	8	7	9	6	9	7	4	2	2	2	1	6
3	1	1	2	1	1	1	1	1	1	1	1	2	3	3	4	3	3	3	3	3	3	3	3	3	2
4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	3	4	4	5	6	6	4	5	5	5	6	7	9	6	6	4	4	5
6	4	3	4	4	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	7	5	4	4	4	4
7	3	3	4	3	3	3	4	5	4	4	5	5	5	10	9	12	11	24	10	7	7	5	6	4	7
8	5	5	5	5	5	5	5	5	5	5	5	5	6	5	6	6	5	5	6	6	5	4	4	4	5
9	4	4	5	4	4	5	5	6	6	1	2	3	3	4	4	5	7	6	6	6	5	4	2	2	4
10	2	2	2	2	2	2	2	2	3	3	5	7	7	11	10	8	8	8	8	8	6	5	5	4	5
11	3	3	5	4	4	4	5	6	6	6	7	7	8	9	11	11	11	10	9	8	6	5	5	4	7
12	4	4	5	5	5	4	4	5	4	4	3	3	3	3	4	3	3	3	3	3	3	3	3	2	4
13	2	2	3	3	3	3	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	2	3
14	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3
16	3	4	4	4	4	3	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
17	3	3	4	4	3	3	3	3	3	3	3	3	5	6	8	9	8	6	6	5	5	4	4	4	5
18	4	5	5	5	4	4	4	4	3	3	3	3	6	6	3	5	6	6	6	5	4	3	3	3	3
19	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
20	2	2	2	3	3	2	2	2	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2
21	1	1	2	2	2	3	4	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2	1	2
22	1	1	1	2	2	2	2	2	2	2	2	2	4	3	4	4	6	7	6	6	4	3	3	3	3
23	3	2	3	3	2	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	6	5	5	4	4	3	3	4

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 1589 WATSEEDGE CLARKSON PEEL NO 46012

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	4	10	18
FEB	15	3	7	10
MAR	14	4	12	18
APR	29	3	6	8
MAY	23	2	4	9
JUN	23	4	7	24
YEAR	132	3	12	24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - 1589 WATSEEDGE CLARKSON PEEL NO 46012

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	478	140	27	5	0	0	650
FEB	224	71	0	0	0	0	295
MAR	208	45	19	16	0	0	288
APR	547	64	0	0	0	0	611
MAY	509	14	0	0	0	0	523
JUN	398	130	9	5	0	0	542
YEAR	2364	464	55	26	0	0	2909

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
66	0	0.4	1.3	2.1	2.9	5.8	8.1	10.8	13.2	24	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	1	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	1	2	0	1	0	0	0	1	1
7	0	0	0	1	0	1	0	1	0	0	0	0	2	2	0	1	2	1	0	2	1	0	2	1	1
8	0	0	0	3	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	1	1	1	3	2	2	2	2	3	3	3	2	2	1	2	2
10	1	0	0	0	0	0	2	4	4	5	2	1	1	0	1	0	0	0	0	0	0	1	1	1	1
11	1	1	0	1	1	0	0	0	1	2	2	3	3	3	2	2	1	1	2	4	3	4	4	4	2
12	3	1	0	0	0	1	3	3	4	3	2	0	2	2	1	4	5	4	2	2	2	1	1	1	2
13	0	1	0	0	0	0	1	1	0	0	1	1	2	2	1	0	1	0	0	0	0	0	0	0	1
14	1	1	2	1	3	5	5	5	3	3	4	2	4	3	4	3	3	1	2	1	1	0	0	1	2
15	1	1	2	2	5	10	8	5	7	7	9	10	18	7	3	9	6	3	0	0	0	0	1	1	5
16	2	3	2	3	3	4	4	4	4	5	6	7	10	9	8	5	3	2	1	2	2	1	1	1	4
17	1	1	1	1	2	1	1	2	3	1	2	2	1	2	1	1	3	1	1	1	1	1	2	1	1
18	2	2	2	1	1	2	2	2	3	3	5	5	2	5	3	2	2	1	1	2	2	3	2	1	2
19	3	2	3	1	6	6	4	5	5	8	6	5	6	7	4	4	2	1	0	0	0	0	0	0	3
20	0	0	0	0	0	0	0	1	2	1	2	2	2	2	1	0	1	1	1	2	1	1	1	1	1
21	3	1	2	1	2	1	0	1	0	3	2	3	3	2	1	2	2	1	1	1	2	2	2	2	2
22	2	2	3	4	3	5	3	4	4	4	3	2	2	2	1	2	2	0	1	2	2	3	4	3	3
23	3	2	2	1	2	2	2	2	2	2	3	3	3	3	3	4	3	2	1	0	1	0	1	1	2
24	1	1	0	2	1	1	2	3	3	3	4	3	1	2	3	4	2	1	1	2	3	6	4	2	2
25	4	4	3	3	4	4	4	5	10	4	2	2	3	2	2	2	2	1	1	2	2	3	2	3	3
26	3	3	3	2	2	2	4	4	3	3	2	2	3	5	4	3	3	2	3	1	1	2	2	1	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	0	1	1	3	3	2	2	2	1	1	1	0	1	1	1	2	2	2	1	1	1
29	1	0	0	0	1	0	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	2	2	1
30	3	1	0	0	1	1	1	2	2	3	4	2	3	2	2	2	2	2	1	1	0	1	1	1	2
31	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
MEAN	2	1	1	1	2	2	2	3	3	3	3	3	3	3	2	2	2	1	1	1	1	2	1	2	2

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	2	2	2	1	1	1	1
2	2	2	3	2	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	0	0	6	5	2	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4																									
5																									
6																									
7																									
8																									
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	4	3	2	2	2	4	7	5	3	4	2	2	2	4	1	3	1	2	2	1	2	1	2	3	3
11	2	1	1	1	2	1	1	0	1	0	0	0	1	3	3	2	2	1	0	0	0	0	0	0	1
12	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
13	1	1	3	3	5	4	3	4	5	5	4	2	1	1	1	1	1	0	0	0	0	0	1	1	2
14	1	1	0	1	1	1	2	2	2	2	1	1	1	2	2	3	2	2	4	4	1	1	2	1	2
15	2	1	1	1	3	2	3	1	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2
16	2	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	2	2	2	1
17	2	1	1	2	2	2	2	5	7	4	4	4	4	4	4	3	3	2	2	4	4	4	4	4	3
18	3	4	3	3	3	4	4	4	6	4	4	3	2	2	2	1	2	1	2	2	2	1	0	1	3
19	0	0	0	0	0	0	1	1	2	3	2	2	3	2	1	1	1	0	1	1	1	1	1	1	1
20	0	1	1	0	1	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1
21	0	1	1	1	1	1	2	2	2	3	4	4	3	2	2	2	2	1	1	1	1	1	1	1	2
22	0	1	0	1	1	1	2	1	2	3	3	2	2	2	2	1	1	0	0	0	0	0	0	1	1
23	0	2	3	4	5	2	4	2	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24																									
25																									
26																									
27																									
28																									
MEAN	1	1	1	1	2	2	2	2	2	3	2	2	2	2	1	2	2	1	1	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1																										
2	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	8	10	3	2	2	1	0	0	0	0	2	4	****
3	4	2	2	3	2	3	1	1	1	1	1	1	1	2	1	2	1	2	1	3	4	2	12	11	11	3
4	6	2	2	1	2	2	2	5	2	2	2	1	2	1	1	1	6	2	4	2	2	2	2	2	2	
5	2	3	2	3	8	6	5	4	3	3	3	4	3	3	2	2	3	4	4	2	2	2	2	3	3	
6	3	2	2	1	1	1	1	1	4	3	2	2	5	1	1	1	1	1	1	0	0	1	1	1	2	
7	1	0	1	2	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	
8	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	1	0	1	0	1	0	0	
9	1	1	1	0	0	0	0	1	2	4	3	6	3	****	4	2	0	0	3	3	0	2	1	0	2	
10	1	0	0	0	1	0	0	1	2	3	4	0	2	0	0	0	0	2	0	0	0	1	0	0	1	
11	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	0	1	0	1	2	1	0	0	
12	2	1	0	1	0	0	1	0	3	4	2	5	7	6	6	2	4	6	6	5	5	5	5	5	3	
13	3	3	3	3	2	2	0	2	4	2	2	1	0	0	1	1	1	0	0	1	1	0	0	0	1	
14	0	0	0	0	0	0	0	1	1	0	0	3	1	0	0	0	0	1	1	0	1	0	1	1	1	
15	1	1	0	0	0	0	1	1	1	3	2	3	5	3	4	0	0	1	0	1	1	2	2	1	1	
16	0	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	1	0	0	0	1	0	****	
17	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	****	****	****	1	
18																										
19	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	****	****	****	****	2	6	3	5	2	4	4	3	****
20	3	0	1	1	0	1	1	6	4	1	1	0	0	0	0	1	1	2	0	0	0	0	0	0	1	
21	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	3	2	4	2	4	5	4	2	2	
22	2	1	1	1	1	0	0	0	0	1	1	3	5	1	1	1	3	2	1	2	4	0	0	0	1	
23	0	0	0	0	0	1	1	1	1	0	1	1	0	1	1	1	0	0	1	1	2	1	1	0	1	
24	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	1	2	2	1	0	1	1	2	4	2	3	2	1	5	2	2	3	1	
26	2	5	0	1	0	0	0	0	1	5	2	0	1	0	0	0	1	2	1	0	1	1	0	0	1	
27	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	
29	1	1	1	2	1	2	2	2	2	2	1	4	1	6	12	20	4	8	2	2	4	4	5	4	4	
30	4	5	4	2	2	5	0	0	1	1	0	0	16	3	1	1	13	5	1	****	2	2	1	2	3	
31	2	2	2	3	3	3	1	3	4	5	3	1	7	****	****	5	2	1	2	1	1	1	1	1	2	
MEAN	1	1	1	1	1	1	1	1	2	2	1	2	3	2	2	2	2	2	2	1	1	2	2	2	1	

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	3	3	4	3	5	1	1	0	0	0	4	1	1	0	0	3	4	1	0	0	2
2	0	0	0	0	0	2	1	1	1	14	24	1	1	1	1	1	1	0	0	0	0	0	0	0	2
3	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0
4	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	2	1	2	1	6	3	2	3	2	0	0	0	1	0	0	1
6	1	1	1	1	****	1	2	3	2	1	1	1	2	1	1	1	1	1	3	2	1	1	1	2	1
7	1	1	0	0	1	1	1	1	2	3	2	3	2	2	1	1	1	1	2	1	1	2	1	1	1
8	1	1	1	1	2	1	1	1	2	2	1	1	1	2	1	1	0	1	0	1	1	1	1	1	1
9	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0
11	1	0	1	2	4	1	2	4	4	2	2	1	1	1	1	2	2	1	0	2	2	3	2	2	2
12	3	2	2	2	1	1	5	4	4	4	4	3	1	19	24	16	4	3	1	2	1	2	1	1	5
13	1	1	2	1	2	1	4	6	1	1	1	****	0	2	0	0	0	0	4	4	5	3	1	1	2
14	1	1	1	0	1	2	3	4	5	3	3	1	2	1	1	1	2	2	2	6	3	3	1	2	2
15	1	1	1	1	1	0	2	2	2	1	2	1	1	1	2	1	0	0	0	1	1	1	1	1	1
16	0	0	0	1	0	0	1	3	2	1	1	1	1	2	1	1	1	1	2	1	2	2	2	2	1
17	1	1	1	1	1	1	3	3	3	6	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	2	2	1	1	1	2	7	6	5	7	4	1	0	0	0	1	4	1	1	1	12	18	3
20	10	1	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	1	1	1
21	0	0	1	2	2	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	7	2	1	1
23	1	1	1	1	1	1	1	1	1	3	2	2	0	0	1	1	1	1	1	0	0	0	0	0	1
24	1	1	0	1	0	0	1	1	1	0	1	1	1	0	0	1	1	1	0	0	1	0	0	0	1
25	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0
26	0	0	0	0	0	0	1	1	3	4	2	1	1	1	1	0	1	1	1	1	1	1	****	2	1
27	1	1	0	1	0	1	1	2	2	5	4	3	4	7	5	1	2	1	4	3	3	1	0	2	2
28	3	2	2	2	1	2	1	1	4	5	3	2	1	1	2	2	1	1	1	1	1	1	1	3	2
29	2	3	2	1	1	3	4	2	2	4	15	11	8	1	1	1	1	1	1	0	1	1	1	3	2
30	3	1	1	1	1	1	1	1	4	5	1	1	1	4	3	3	1	3	1	3	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	2	3	3	2	1	2	2	1	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	1	1	2	3	6	3	2	2	1	1	2	2	2	1	0	1	0	0	0	2
2	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	4	4	5	2	3	1	1	3	0	1	1	0	2	2	1
4	1	1	1	1	2	2	1	3	8	3	3	20	1	1	1	1	3	1	1	1	1	3	1	1	3
5	0	0	1	0	1	1	2	1	1	2	3	5	5	3	1	1	1	1	1	1	0	0	0	1	1
6	1	0	0	0	0	1	2	3	2	2	1	1	1	1	2	3	1	2	1	1	1	2	1	0	1
7	1	1	0	0	0	2	3	1	0	1	0	0	1	1	1	1	3	0	0	1	1	1	1	0	1
8	0	0	1	1	1	1	1	1	4	3	5	2	2	4	6	6	2	2	3	4	3	2	2	2	2
9	2	2	3	2	1	1	1	1	1	1	2	1	1	17	2	1	3	2	1	0	0	0	0	0	2
10	0	0	0	0	0	0	0	1	3	7	4	9	4	2	2	1	0	1	0	0	1	0	1	0	2
11	0	0	0	0	1	1	1	2	2	1	1	1	0	3	1	1	1	0	0	0	0	1	1	1	1
12	0	1	1	0	0	1	0	0	0	0	0	2	1	4	6	3	2	3	2	3	5	6	3	3	2
13	1	2	2	1	1	2	2	5	7	7	2	3	3	1	2	1	1	0	1	1	2	4	2	2	2
14	1	1	1	1	1	1	2	2	1	1	4	1	4	0	0	0	1	0	1	1	0	0	1	1	1
15	2	2	2	1	0	0	0	1	1	1	1	2	2	3	3	2	1	1	2	5	0	2	2	0	2
16	1	2	1	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	1	0	1	0
17	1	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	2	0	0	0	0	2	0	1	0
18	0	0	0	1	2	2	1	10	7	4	3	2	2	3	3	3	1	1	1	1	1	1	1	1	2
19	1	1	1	0	2	2	4	5	4	3	3	2	2	3	2	2	1	1	2	1	1	0	0	0	2
20	1	0	0	0	0	0	2	3	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	1	1	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	1	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	0	0	0	0	0	1	0	1
24	4	1	0	0	0	0	0	0	1	1	1	0	1	1	0	3	6	10	4	5	3	2	1	1	2
25	2	7	0	1	0	0	0	0	0	0	0	0	2	1	4	2	1	2	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	3	0	0	1	1	0	1	0	0	0
28	1	0	0	0	0	1	1	1	3	7	14	1	17	8	1	1	1	3	1	0	1	1	1	1	3
29	0	2	3	2	2	2	1	1	1	0	1	1	0	1	3	3	3	3	0	1	2	1	1	0	1
30	0	0	1	1	0	0	1	2	3	3	4	5	5	4	7	3	3	0	0	0	0	0	1	0	2
31	0	0	0	0	0	1	1	3	1	2	1	1	1	3	1	1	0	1	1	1	1	1	2	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	0	0	1	2	1	2	6	6	5	4	3	1	1	1	4	2	1	2	3	3	1	2
2	0	0	0	0	1	1	1	1	3	4	2	0	1	1	0	0	0	1	1	0	0	1	0	0	1
3	0	0	0	0	0	0	2	2	1	1	3	24	9	3	3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	4	2	2	0	3
5	1	0	0	0	1	1	1	1	5	7	4	6	7	2	0	1	1	0	1	0	0	1	1	1	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	6	2	6	5	2	1	2	1	2	1	1	1	1	1	1	1	2
8	1	0	0	0	0	0	1	1	1	8	11	8	14	13	12	3	1	0	1	1	2	1	1	1	3
9	1	1	1	1	1	1	1	2	2	1	0	0	2	5	2	3	1	1	1	1	1	1	1	1	1
10	0	0	0	1	0	0	0	1	3	5	8	4	1	0	1	1	1	0	0	0	0	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	1	1	1	1	1	2	1	2	4	3	2	2	1	1	1	1	1	0	1	1	0	0	0	1
19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	1	3	2	1	1	1
22	0	0	0	1	0	0	1	1	1	0	0	2	1	2	1	1	2	2	1	1	0	0	0	0	1
23	1	0	0	0	0	0	1	1	0	1	1	6	5	5	2	3	2	2	1	1	0	0	0	0	2
24	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	2	10	2	1	5	2	1	1	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	2	3	4	5	6	2	2	4	1	0	0	0	0	1	1	0	1
29	1	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	2	1	1	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	2	3	3	3	2	1	1	1	1	1	0	1	1	1	0	1

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	0	0	1	1	5	6	5	2	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	1	1	1	1	1	0	1	4	4	6	1	3	1	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	2	1	0	0	0	0
10	0	1	0	0	0	0	0	0	0	0	0	1	1	2	3	3	1	0	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 62

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	4	3	3	2	3	2	3	1	1	2	3	3	2	1	0	1	0	0	2	0	0	0	1	1	2
9	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	1	0
10	0	0	3	4	2	1	0	1	1	0	0	0	1	0	1	1	1	1	1	4	2	1	3	1	1
11	1	2	7	10	20	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2
12	18	11	6	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	24	28	4
13	16	11	3	1	2	1	1	1	2	0	0	0	1	1	0	0	0	0	1	0	1	2	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	1	2	1	1	2	3	6	4	1	1	1	1	1	2	1	1	1
22	1	1	1	1	1	1	1	1	3	12	3	1	0	1	1	1	2	1	1	1	1	2	2	1	2
23	1	1	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	0	0	0	1	1	1	1	2	10	2	1	1	1	1	2	1	1	1	0	1
25	1	0	0	0	0	0	0	0	1	2	6	11	2	3	2	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	1	3	1	38	53	34	2	0	0	0	0	0	0	0	0	0	6
27	0	1	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1
28	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	4	2	2	1	2	1	1	2	1	1
29	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	6	4	2	0	0	0	0	1
30	2	1	1	1	1	1	0	0	0	0	0	0	0	1	2	6	6	4	2	0	1	0	0	0	1
31	0	0	0	2	1	1	1	3	2	2	2	1	0	0	0	1	1	0	1	0	0	0	0	0	1
MEAN	1	1	1	1	1	0	0	1	1	2	2	3	3	2	1	1	1	1	1	1	1	2	2	1	1

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	1	0	0	0	0	****
6	0	0	0	0	0	0	0	0	1	1	2	2	5	26	21	3	4	7	2	2	2	2	2	2	4
7	1	1	1	1	0	1	1	0	0	0	0	2	1	1	1	1	1	0	1	0	0	0	0	1	0
8	0	0	0	0	1	1	1	1	2	2	5	1	1	1	1	0	2	1	2	4	5	4	4	4	2
9	3	3	3	2	1	1	1	2	2	2	1	2	2	3	16	23	22	16	8	4	2	2	1	1	5
10	0	0	0	0	1	1	0	1	3	3	3	2	1	1	1	0	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	2	0	1	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0
12	2	1	1	1	1	5	1	1	2	0	1	1	1	1	1	1	1	1	1	2	0	0	0	0	0
13	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	1	2	2	1
14	0	0	0	0	0	0	1	1	0	0	0	1	2	1	0	0	0	1	1	1	1	1	1	1	1
15	2	1	0	1	1	1	1	1	0	0	1	0	1	1	1	1	0	0	1	2	1	1	0	0	1
16	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	2	0
17	23	1	4	3	6	1	2	1	1	3	3	1	1	1	1	1	1	2	2	2	2	2	1	1	3
18	1	1	2	2	2	2	1	1	1	0	1	1	1	1	1	1	0	0	0	1	2	1	2	4	1
19	3	4	4	4	2	1	2	2	1	1	0	1	1	1	0	0	1	0	0	0	1	3	10	16	2
20	16	10	2	3	2	1	1	1	2	2	1	2	1	2	1	2	1	2	2	4	3	2	2	3	3
21	3	3	3	3	2	2	2	2	1	2	1	1	1	1	1	2	1	2	2	2	3	4	3	2	2
22	2	2	2	2	1	2	2	1	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	1
23	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	3	1	1	4	10	13	2	2
24	2	1	2	2	1	2	2	2	2	1	0	1	2	1	2	2	2	2	2	2	2	2	2	2	2
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	1	2	2	1	1	1	1	1	2	2	3	4	4	2	2	2	2	1	0	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	1	1	1	1	1	3	1	3	3	3	3	1	1	1	1	0	1
29	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	4	1
30	2	3	1	1	1	1	2	2	2	1	2	4	2	1	1	0	0	0	0	0	0	0	0	0	1
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	2	2	2	1

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	0	0	0	3	3	1	0	1	2	1	1	1	2	2	1	****
2	2	2	2	2	2	2	4	3	3	4	4	2	1	3	1	2	2	1	1	1	1	0	0	0	2
3	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5	1	1	1	1	0	0	2	3	3	12	7	19	3	1	2	1	1	1	2	1	1	1	1	2	3
6	2	1	2	2	1	2	2	2	2	2	1	2	2	2	2	5	3	2	2	2	2	2	2	2	2
7	1	1	1	1	1	2	1	2	2	3	13	6	5	10	6	4	3	2	4	3	4	4	3	2	4
8	2	3	2	4	2	3	4	4	5	9	3	2	2	3	2	3	3	1	1	2	2	3	2	2	3
9	2	2	2	1	0	1	0	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	0	0	0	0	2	1	1	0	0	0	****	1	1	1	0	0	1	1	1	1	0	0	0	0	****
17	0	1	0	0	0	1	1	2	1	1	1	4	2	6	3	3	2	2	1	1	0	1	0	0	1
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	1	0	1	2	1	1	4	5	6	2	3	1	1	1	6	0	0	0	0	0	0	0	1	1	2
20	1	1	1	1	1	1	2	5	5	2	1	1	1	1	1	1	1	10	1	0	2	2	3	1	2
21	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	0	0	0	1	2	2	1	1	1	1	2	****	4	1	2	1	1	1	2	2	2	1	2	1
23	1	1	2	1	2	2	2	2	2	2	3	3	8	8	3	3	2	4	1	3	3	2	2	2	3
24	2	2	3	2	2	1	1	1	2	3	2	2	3	3	5	1	1	2	2	3	3	3	3	2	2
25	2	3	1	2	2	1	2	2	4	1	2	1	2	1	2	2	1	1	3	3	3	9	3	1	2
26	1	2	2	2	3	3	5	4	4	4	6	8	6	8	10	9	2	1	1	1	1	1	1	1	4
27	1	1	1	1	1	1	1	1	1	1	0	1	12	15	2	2	8	10	13	18	14	3	1	1	5
28	0	0	0	0	0	1	1	1	0	1	0	0	1	0	1	8	16	10	9	1	1	1	1	1	2
29	4	2	2	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	2	1	3	0
MEAN	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	3	2	2	2	2	1	2	1	1	2

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	****	0	0	0	1	1	1	1	2	3	8	3	6	9	1	2	1	1	2	1	3	2	2
2	3	2	2	2	2	2	3	2	2	3	1	0	1	2	4	4	1	0	6	5	6	6	5	4	3
3	1	1	1	1	1	1	0	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	0	1	1	1	1	1	1	1	****	****	****	****	****	****	****	1	2	1	2	1	1	1	1	1	1
7	2	3	2	2	3	3	5	5	6	4	1	1	1	2	2	1	1	1	1	1	0	0	1	1	2
8	1	2	2	3	****	****	****	****	****	****	3	3	3	4	3	2	1	3	1	2	2	2	2	1	2
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	1	1	1	2	3	3	2	3	4	3	6	3	2	3	3	2	1	1	2	2	2	2	3	3	2
19	1	3	2	1	1	2	1	0	0	1	0	1	0	1	1	2	1	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	2	2	2	2	2	2	2	1	1	3	4	8	3	2	3	2	1	1	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	0	0	0	0	1	1	1	2	1	1	2	2	2	2	2	2	1	0	1	1	0	0	0	0	****
26	3	4	2	2	3	3	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	0	1	1
29	1	2	2	1	1	1	1	1	1	1	0	0	1	0	1	1	1	2	1	1	1	1	1	1	1
30	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	2	0	0	1	3	1	1
MEAN	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	1	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	0	0	1	2	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	****
4	0	1	1	1	1	0	1	2	2	2	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
6	1	0	0	0	0	0	0	0	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	3	1
7	5	4	4	5	4	3	3	4	2	3	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2
8	2	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	1	1	2	1	1	1
10	2	1	0	0	1	1	1	3	3	3	3	1	1	1	1	1	2	1	1	1	1	1	1	2	1
11	2	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	2	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	0	1	2	1	1	1	1
13	1	1	0	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1
14	2	1	2	2	3	3	3	4	4	3	4	4	3	5	7	6	5	6	4	3	3	4	1	1	3
15	1	1	1	2	1	0	1	2	1	1	1	1	2	1	2	6	4	5	3	1	1	1	0	1	2
16	0	0	1	1	1	3	1	1	1	2	2	2	2	2	1	2	1	2	1	1	1	2	2	1	1
17	1	1	3	2	1	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	2	1	2	3	1
18	4	3	4	3	4	4	3	2	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	2	3	3	2	2	2	1	1	1	1	2	1	2	3	2	2	3	2	2	2	2
21	0	0	0	0	2	3	3	2	2	2	1	1	1	2	2	1	2	3	3	3	3	2	2	1	2
22	2	2	1	1	1	0	1	1	2	1	1	2	2	2	2	2	1	2	3	3	2	2	2	1	2
23	3	4	4	2	3	3	3	3	3	4	3	4	2	3	3	3	4	5	1	1	2	2	2	1	3
24	2	1	1	0	0	****	0	0	0	2	4	3	2	2	2	1	2	2	1	2	1	0	0	0	1
25	1	2	2	2	2	1	2	1	2	2	2	2	3	2	1	3	3	4	4	4	5	6	6	8	3
26	5	3	3	3	2	4	3	2	2	2	3	2	2	1	0	0	0	0	0	0	1	1	1	1	2
27	1	2	4	6	5	4	4	3	2	1	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2
28	1	1	1	2	2	1	4	4	5	6	4	4	3	3	3	5	6	5	2	1	1	1	1	1	1
29	0	1	1	1	2	1	2	****	2	3	6	3	3	4	2	5	3	2	1	1	1	1	1	1	2
30	0	1	1	1	1	1	2	1	2	2	5	4	5	3	2	1	3	5	3	2	3	2	3	2	2
31	1	2	2	2	2	1	3	2	2	4	4	2	5	4	2	4	3	4	2	5	4	2	2	2	3
MEAN	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - OPP QEW/HWY 10 PEEL

NO 46071

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2	5	18
FEB	18	2	3	7
MAR	29	1	4	20
APR	30	1	5	24
MAY	30	1	3	20
JUN	25	1	3	24
JUL	20	0	1	11
AUG	31	1	6	53
SEP	27	1	5	26
OCT	26	2	5	19
NOV	20	1	3	9
DEC	30	2	3	8
YEAR	313	1	6	53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - OPP QEW/HWY 10 PEEL

NO 46071

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	564	40	0	1	0	0	605
FEB	366	16	0	0	0	0	382
MAR	603	39	5	2	0	0	649
APR	688	20	3	6	0	0	717
MAY	645	29	1	3	0	0	678
JUN	539	25	4	1	0	0	569
JUL	457	7	1	0	0	0	465
AUG	679	18	6	7	3	1	714
SEP	595	10	1	8	1	0	615
OCT	513	31	6	4	0	0	554
NOV	368	14	0	0	0	0	382
DEC	656	30	0	0	0	0	686
YEAR	6673	279	27	32	4	1	7016

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
80	0	0.1	0.4	0.7	1.1	2.8	4.0	6.3	9.7	53	1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	****
13	0	1	2	2	5	2	2	2	2	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0
15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	2	2	0	2	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	4	8	6	6	6	7	7	9	7	4	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1
22	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	2	2	1	0	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	1	1	1	1	0	****	****	****	****	****	****	****	****	0	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	1	1	2	0	2	0	0	0	0	0	****	****	****	****	****	****	****	****	0
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	5	6	12	12	11	10	****
10	7	4	4	4	4	5	5	5	5	8	6	5	5	4	3	3	3	4	4	4	4	4	3	3	4
11	4	4	3	3	3	4	4	4	3	3	3	3	4	3	4	4	4	4	4	0	0	0	0	0	3
12	0	0	0	1	1	0	1	0	0	0	0	0	1	5	6	4	4	6	5	5	6	3	3	3	3
13	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	2	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	0
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 48

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH APR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	****
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****
12																									
13																									
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	****
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	1	6	5	4	2	2	0	1	0	****	****	****	****	****	****	****	****	****	****	****	****
18																									
19																									
20																									
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	****
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	2	0	0	0	0
23	0	1	1	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	3	4	2	2	1	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	2	2	2	2	3	5	5	3	3	3	7	****	3	3	2	3	4	4	2	2	2	3
29	1	1	1	1	1	1	2	1	1	1	1	2	2	2	0	2	2	2	2	2	2	1	1	2	2
30																									
MEAN	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1

PERCENTAGE OF DATA VALID - 39

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	****
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1	3	2	1	2	1	1	1	1	1	1
8	2	1	2	3	3	5	7	8	13	11	5	5	7	7	6	5	6	6	5	4	5	6	3	2	5
9	1	1	1	1	1	3	3	2	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1	1	1
10	1	1	1	1	1	1	1	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	****	****	2	1	1	1	****
12	0	0	1	1	1	1	1	1	1	0	1	1	1	****	****	****	****	****	2	1	2	1	1	1	1
13	1	2	1	1	2	1	1	1	2	1	1	1	1	0	2	1	1	1	1	0	****	0	2	2	1
14	1	0	1	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	2	2	2	2	2	2	2
15	2	2	2	2	3	3	3	3	2	2	3	2	2	2	3	****	****	****	****	2	2	2	2	2	2
16	2	3	3	5	4	3	3	****	****	4	5	5	4	2	1	2	2	4	2	2	3	3	2	2	2
17	2	2	1	2	1	2	3	3	2	3	3	3	2	2	1	1	1	1	1	1	****	****	****	****	3
18																									
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	1	0	0	0	0	0	0	****
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									

PERCENTAGE OF DATA VALID - 49

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH JUN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	7	6	5	3	2	2	2	1	2	2	3	3	10	27	10	6	23	20	5	3	3	5	6	7	****
4	3	4	2	2	2	1	1	3	3	1	1	3	4	3	3	4	6	8	11	5	6	6	4	2	4
5	3	4	2	2	2	1	1	3	3	1	1	3	2	3	3	3	2	3	3	2	2	2	2	2	2
6	2	2	2	3	3	2	3	16	9	8	6	2	4	4	2	4	3	12	16	12	16	15	11	7	7
7	8	5	4	5	4	4	5	3	2	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	1	1	1	1	1	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	****
12	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	3	2	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
14	0	0	****	****	****	****	****	****	****	****	****	****	****	3	1	2	1	1	0	0	0	0	0	0	****
15	0	2	2	2	0	1	0	0	0	0	0	0	1	0	31	8	0	2	3	2	2	2	1	0	2
16	2	2	0	0	0	0	0	3	****	15	0	0	3	2	3	1	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	2	2	2	2	1	1	1	3	2	3	1	1	3	4	5	3	3	4	4	2	3	3	2	2	2

PERCENTAGE OF DATA VALID - 34

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16	7	9	10	12	11	11	9	9	8	12	9	10	10	8	9	8	8	8	8	7	11	14	13	12	10
17	11	14	14	9	8	8	8	8	8	7	7	7	6	6	6	7	6	6	6	6	7	6	6	6	8
18	6	6	6	6	7	6	6	6	5	7	6	7	3	2	3	****	****	****	****	****	****	****	****	****	****
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	8	10	10	9	9	8	8	8	7	9	7	8	6	5	6	8	8	7	7	7	8	9	9	9	8

PERCENTAGE OF DATA VALID - 9

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	****	****	****	****	****	****	****	****	****	****	****	2	3	3	3	3	2	2	3	2	2	2	2	1	1 ****
11	1	3	2	1	1	1	1	1	2	1	2	1	2	1	1	2	2	1	2	2	1	1	1	1	1
12	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
13	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	2	1
14	1	2	1	1	2	2	2	1	2	3	4	3	1	2	2	2	2	2	2	4	3	2	3	2	2
15	1	1	2	2	2	1	2	1	2	2	1	3	2	1	2	1	1	1	2	1	2	1	1	1	2
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	0	0	1	1	1	1	1	0	1 ****
31	0	1	1	1	2	1	1	1	1	0	1	2	2	2	1	1	1	2	2	1	2	2	1	1	1
MEAN	1	2	1	1	2	1	1	1	2	1	2	2	2	2	2	1	1	2	2	2	2	2	1	1	1

PERCENTAGE OF DATA VALID - 22

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	14	1	3	9
MAR	16	1	4	12
APR	15	1	3	7
MAY	19	1	5	13
JUN	13	2	7	31
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	5	8	10	14
NOV		DATA MISSING		
DEC	8	1	2	4
YEAR	90	2	10	31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN		DATA MISSING					
FEB	296	9	0	0	0	0	305
MAR	336	19	3	0	0	0	358
APR	276	6	0	0	0	0	282
MAY	350	17	2	0	0	0	369
JUN	210	24	4	7	2	0	247
JUL		DATA MISSING					
AUG		DATA MISSING					
SEP		DATA MISSING					
OCT	3	59	11	0	0	0	73
NOV		DATA MISSING					
DEC	169	0	0	0	0	0	169
YEAR	1640	134	20	7	2	0	1803

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
35	0	0.1	0.4	0.7	1.2	3.7	6.1	8.9	11.4	31	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - STEWART CACHE BAY

NO 75017

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	10	4	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	3	7	4	2	3	4	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - STEWART CACHE BAY

NO 75017

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	11	6	3	8	8	2	2	0	2	1	0	4	6	5	2	5	4	13	9	5	2	1	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	2	6	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	11	23	13	10	14	20	10	4	0	0	0	0	0	4
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - STEWART CACHE BAY

NO 75017

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	30	0	1	10
OCT	31	0	4	23
NOV	30	0	2	12
DEC	31	0	2	10
YEAR	122	0	4	23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - STEWART CACHE BAY

NO 75017

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	DATA MISSING						
JUL	DATA MISSING						
AUG	DATA MISSING						
SEP	686	6	0	0	0	0	692
OCT	724	13	5	2	0	0	744
NOV	710	9	1	0	0	0	720
DEC	733	11	0	0	0	0	744
YEAR	2853	39	6	2	0	0	2900

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99	0	0.1	0.3	0.5	0.8	1.0	1.5	3.6	5.8	23	0

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20	****	****	****	****	****	****	****	****	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	5	7	5	5	3	2	7	6	6	8	0	0	2	0	0	2
24	0	1	0	0	0	0	0	0	0	0	0	0	0	****	0	0	2	0	0	0	2	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	2	5	1	2	1	1	0	0	0	0	2	3	4	1
26	1	0	0	0	0	0	0	0	0	0	0	1	3	2	1	3	5	3	2	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	2	2	1	0	****	0	0	0	0	0	0	0	0	0	0	0
28	0	1	1	0	1	1	1	1	0	0	2	1	1	2	2	3	4	5	2	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	1	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	1

PERCENTAGE OF DATA VALID - 35

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH MAY 70

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	0
2	2	5	2	2	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	0	1	1	0	0	-	DATA MISSING	-	-	0	0	0	0	0	0	0	0	0	0
4												-	DATA MISSING	-	-										
5												-	DATA MISSING	-	-										
6												-	DATA MISSING	-	-										
7												-	DATA MISSING	-	-										
8												-	DATA MISSING	-	-										
9												-	DATA MISSING	-	-										
10												-	DATA MISSING	-	-										
11	0	0	0	0	0	0	0	0	****	0	0	0	0	0	****	0	0	0	7	2	0	0	0	0	0
12	0	0	0	0	0	4	12	1	0	0	0	0	0	2	0	****	3	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	1	1	4	4	0	0	1	0	0	0	0	0	0	1	10	1
15	0	2	0	0	0	0	0	0	8	20	5	0	2	****	****	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	1	10	6	6	12	6	2	1	0	3	4	18	3	17	3	0	0	7	7	4
17	4	18	8	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	2
18	7	6	0	1	10	2	0	0	13	0	****	0	0	1	0	0	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	2	6	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	****	1	4	5	5	****	****	****	5	12	0	****	15	5	1	3
21	8	5	0	0	0	0	0	0	0	0	0	0	1	50	11	15	2	0	0	0	1	0	0	0	4
22	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	1	0	0	1	1	1	0	0	0
23	0	0	0	0	0	0	0	1	22	32	25	77	58	27	0	2	22	0	0	0	0	0	0	0	11
24	0	0	1	1	10	15	17	5	0	0	0	0	0	0	0	0	0	4	1	0	0	5	0	1	3
25	1	0	0	0	0	0	0	0	0	1	25	15	0	****	0	****	0	0	0	0	0	0	0	0	5
26	20	10	15	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
28	0	0	0	1	2	1	2	11	15	30	18	10	20	10	5	4	2	1	0	0	0	0	0	0	0
29	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	2	5	1	0	0	0	1
MEAN	2	2	1	1	1	1	2	1	3	6	3	4	4	4	1	1	2	1	2	1	0	1	1	2	2

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	13	10	7	8	8	1	9	2	90	52	77	48	14	13	47	23	73	48	33	28	33	20	0	0	27
5	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	2	1	1	2	32	2	2
7	44	5	0	0	0	0	0	5	43	40	8	17	100	60	50	20	15	10	20	2	1	0	0	0	18
8	0	0	0	0	0	0	10	41	25	25	10	10	8	1	2	35	39	50	45	8	1	5	12	1	14
9	0	0	2	3	0	0	20	30	35	55	35	8	50	40	60	40	32	60	20	3	3	3	2	0	21
10	25	26	20	1	0	0	0	0	85	45	35	10	100	42	9	35	18	13	25	12	3	1	5	0	21
11	0	1	0	0	0	0	0	****	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	9	10	13	3	1	6	13	9	13	10	8	8	7	15	8	0	0	0	0
14	0	0	0	0	0	0	0	0	1	15	1	0	0	0	0	0	3	4	7	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	****	****	****	****	****	****	****	****	0
16	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	30	57	40	20	35	23	2	1	1	0	1
18	5	0	0	0	0	0	2	0	0	3	1	5	10	8	5	2	0	0	0	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	5	0	0	4	0	0	0	0	0	5	40	35	25	50	30	17	10	15	5	14	10	0	0	11
22	0	0	0	0	0	0	0	0	0	0	0	80	15	20	45	10	25	0	0	1	0	0	0	0	8
23	0	0	0	0	0	0	0	0	3	13	1	2	15	0	0	0	0	0	0	0	0	0	0	0	1
24	0	1	13	20	0	0	0	0	0	2	0	0	10	7	10	0	0	0	0	0	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	25	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	3	6	6	20	5	1	3	7	20	10	6	0	0	0	15	3	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	15	70	2	15	10	32	26	8	30	30	18	0	0	0	0	0	0	11
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	40	23	44	1	0	0	0	0	6
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	2	1	1	0	0	2	4	13	9	7	8	14	10	13	12	12	10	8	3	3	2	2	0	6

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	3	3	4	0	0	0	0	2	12	9	20	3	0	1	17	12	4
2	1	3	5	3	4	2	1	0	0	10	30	40	47	18	52	5	0	0	1	0	0	0	0	0	9
3	0	0	0	0	0	0	6	5	16	12	13	16	30	13	2	10	22	0	5	7	1	1	0	0	7
4	0	0	0	0	0	0	0	5	13	0	0	55	5	0	0	0	0	0	0	0	0	0	0	0	3
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	****	0	1	0	3	10	12	23	25	35	37	12	6	3	2	0	0	7
7	0	0	0	0	0	0	0	3	55	20	0	0	8	8	8	20	45	15	0	1	0	0	0	0	8
8	0	0	0	0	0	0	2	0	1	1	1	10	1	5	1	12	60	30	2	1	1	2	7	5	6
9	5	5	3	2	2	2	8	3	2	0	0	3	6	2	3	9	1	3	3	1	0	0	0	0	3
10	0	0	1	1	1	1	2	6	15	19	20	63	7	4	13	7	0	0	0	0	0	0	3	0	7
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	5	23	12	****	0	0	0	0	19	12	20	1	0	0	4
16	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	6	6	1	9	26	22	12	4	4
17	1	0	0	35	2	1	2	56	39	27	17	17	22	1	1	0	0	0	0	0	0	0	0	0	9
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	16	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5	4	10	1	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	8	12	1	1
22	0	0	0	0	0	0	0	2	1	1	1	4	14	8	4	9	12	5	0	0	0	0	0	0	3
23	0	0	0	0	0	0	0	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0
25	0	0	0	0	2	5	7	2	22	24	29	38	3	9	25	15	2	11	1	4	6	7	7	11	10
26	6	7	8	11	6	4	7	11	15	22	22	22	3	1	0	0	0	13	17	3	2	2	2	2	8
27	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	12	1	0	1	1	0	9	5	1
28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0
29	0	0	0	0	0	0	1	0	3	5	10	2	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
31	0	0	0	0	0	0	0	0	0	0	18	63	9	1	4	16	14	21	32	3	4	17	33	23	11
MEAN	1	1	1	2	1	1	1	3	6	5	6	12	6	3	4	4	7	5	4	2	2	2	4	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	11	46	48	34	31	47	33	26	32	1	1	4	0	0	0	13
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	2	11	6	12	8	7	6	3	12	14	0	0	3
5	0	2	2	0	0	0	0	0	0	5	4	8	23	22	33	26	21	29	9	5	0	5	15	2	9
6	0	0	0	0	0	0	0	0	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	4	2	9	14	7	12	68	63	23	14	17	13	17	17	51	3	1	1	1	14
8	4	0	2	4	2	1	5	21	3	2	0	11	12	36	16	5	2	0	0	0	0	1	2	1	5
9	1	0	1	1	1	0	1	1	2	7	27	19	0	0	0	0	0	1	2	0	0	1	1	0	3
10	0	0	0	0	1	0	1	0	0	17	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1
11	1	1	1	0	0	0	0	0	0	0	2	4	15	16	19	9	8	10	3	1	1	0	0	0	4
12	0	0	0	0	0	0	0	0	0	7	13	6	0	0	0	0	0	0	0	0	2	7	6	7	3
13	3	3	1	0	0	0	0	3	4	1	11	26	41	24	47	35	30	33	21	6	14	10	7	0	13
14	5	17	4	19	2	2	1	11	51	9	68	28	8	27	33	31	16	19	19	2	1	1	0	0	16
15	0	0	0	0	0	0	14	2	25	18	19	15	9	1	5	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	23	21	3	0	0	7	3	44	0	4	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
22	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0
23	4	3	1	3	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	1	4	2	2	5	10	23	9	12	27	25	4	8	0	0	6	0	0	0	6
25	0	1	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	0	0	3	11	3	1	0	0	4	0	0	3	2	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	13	21	4	1	3	2	0	0	3
30	0	0	0	0	0	0	1	1	1	1	2	2	2	3	8	3	3	2	1	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	0	0	1	2	4	4	7	8	7	7	9	9	6	6	4	3	2	1	2	0	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5	0	0	0	0	0
2	0	0	0	0	0	0	0	1	0	1	27	11	0	1	0	0	2	1	2	3	1	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0
4	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	4	16	19	12	15	14	17	5	0	1	0	1	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	2	11	17	7	3	2	1	1	0	2
9	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	14	11	0	0	0	0	0	0	0	0	0	16	30	3
11	2	1	0	0	0	0	2	30	2	0	1	14	0	0	0	0	0	12	9	6	0	0	0	8	5
12	0	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	3	3	3	3	3	3	3	2
14	1	0	0	2	2	0	0	1	1	1	0	24	14	18	27	31	39	38	0	0	0	0	0	0	9
15	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	0	1	0	0	0	0	1
16	0	2	11	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	1	1	0	0	0	0	0	0	0	3	6	0	0	0	1	1	8	8	6	6	5	4	2
18	4	3	1	2	1	2	1	2	1	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	2	2	11	21	28	14	1	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	1	0	5	2	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	8	0	1	1	15	7	0	0	0	0	0	0	1
22	1	1	4	8	0	0	3	1	1	0	1	1	10	25	55	18	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	2	1	1	0	0	4	1	1	0	1	11	5	0	0	0	0	0	0	12	0	0	0	2
25	16	8	1	14	7	5	7	1	0	0	10	29	0	0	0	0	2	0	0	0	0	0	0	0	4
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	0	0	1	2	0	0	2	5	3	4	4	4	3	3	1	1	1	0	2	2	2

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	2	0	9	34	82	60	18	6	4	2	0	0	0	0	0	0	0	0	9
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
3	31	35	19	27	4	10	2	0	0	0	0	0	0	1	0	11	12	0	0	31	11	36	17	21	6
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
5	0	0	0	0	3	12	6	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	2	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0
7	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	2	0	0	2	0	0	2	1	1	1
8	1	1	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	2	1	1	1	1	2	1
9	1	1	1	2	2	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	7	0	2	0	0	33	18	14	2	27	1	1	2	2	9	1	5
11	8	0	0	0	0	0	0	1	1	11	17	36	35	102	33	17	8	7	28	21	12	8	8	6	15
12	3	5	5	4	2	1	1	1	0	12	12	17	18	18	3	9	1	2	2	0	0	0	0	0	5
13	0	2	2	2	0	1	2	5	15	7	15	10	2	0	0	0	0	0	0	0	0	0	0	0	3
14	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	34	15	3	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	3
17	1	2	1	2	2	2	3	1	2	3	1	8	46	24	22	19	11	11	9	2	11	8	2	0	8
18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	3	4	3	****	****	7	4	4	2	0	0	0	0	0	0	0	0	1	1
20	0	0	0	0	2	1	1	1	0	0	2	1	0	3	15	6	0	0	0	0	0	0	0	1	1
21	0	0	1	0	2	0	4	4	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	3	1	1	0	2	2	6	8	35	17	16	16	12	12	10	11	16	18	8
24	7	6	5	3	1	2	3	5	7	12	21	16	34	29	13	5	2	0	3	0	0	0	0	0	7
25	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0
26	0	0	0	0	0	0	0	0	0	38	32	19	3	0	0	0	0	7	3	0	0	0	0	0	4
27	0	0	0	0	0	3	6	18	8	26	19	1	****	****	****	****	****	****	****	****	****	****	****	****	****
28	7	0	0	14	5	0	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	2	2	0	0	1	3	2	0	5	0	0	0	0	0	0	11	13	0	0	0	0	0	2
30	2	11	0	9	11	14	3	1	1	0	0	0	0	0	0	0	16	32	1	1	0	2	0	0	3
31	0	0	0	0	0	4	12	7	5	0	0	0	0	2	0	0	0	0	0	0	0	16	3	0	2
MEAN	2	2	1	2	1	2	2	2	3	5	7	6	6	9	6	4	3	4	3	2	2	3	2	2	3

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	4	1	2	1	2	0	0	0	0	0	0	8	13	10	5	5	3	2	2
2	****	****	1	2	1	1	0	1	6	20	7	13	11	28	21	3	5	****	0	0	1	0	2	2	6
3	2	2	2	2	4	4	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
4	0	1	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	7	2	1	0	0	1	
5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	18	0	0	3	0	0	0	0	0	0	0	4	44	11	2	1	40	1	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	13	6	3	22	47	****	****	****	****	
8	- DATA MISSING -																								
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	****
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	10	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	3	35	18	7	13	19	19	****	0	0	0	0	0	0	2	5
12	3	0	0	0	0	0	0	0	0	0	0	2	4	3	3	4	2	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	- DATA MISSING -																								
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	4	9	11	12	14	17	23	4	1	1	1	1	1	1	1	3	2	1	0	0	5	3	0	0	5
19	0	0	0	0	0	0	0	0	****	****	****	****	13	9	****	1	1	2	2	2	1	2	2	1	2
20	1	1	1	1	4	37	25	10	8	14	18	34	9	1	1	0	0	0	0	0	0	5	0	0	7
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0
22	0	2	1	2	9	3	3	19	7	0	0	0	0	0	0	4	22	72	60	15	3	0	1	1	9
23	10	20	24	2	6	5	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	3
24	1	1	0	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	2	0	3	2	1
25	3	2	11	26	16	8	5	3	3	3	3	2	2	1	2	2	2	2	2	2	1	2	2	2	4
26	2	2	2	1	2	2	2	3	2	2	2	2	2	1	1	2	2	1	1	3	1	2	2	3	2
27	3	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1
28	1	1	2	2	3	5	3	1	2	2	0	0	1	2	3	3	1	2	2	2	2	6	4	2	2
29	3	6	11	8	6	2	1	1	1	1	1	1	1	1	1	1	1	0	1	2	3	2	2	0	2
30	2	1	2	2	2	1	1	3	1	****	2	1	2	2	2	1	0	1	0	3	1	4	4	0	2
MEAN	1	2	3	2	3	3	3	2	1	2	3	3	2	3	3	3	4	4	4	5	3	1	1	1	3

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

MONTH DEC 70

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	14	9	17	2	2	2	3	1	2	2	1	2	3	2	2	2	2	3	3	11	2	14	11	5
2	5	15	2	1	2	2	4	3	2	1	2	0	0	3	2	11	6	6	3	***	***	***	***	***	4
3	***	***	***	***	***	***	***	***	***	2	3	0	0	0	0	2	5	7	13	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	0	0	1	0	0	2	3	0	0	0	0	0	0	***
5	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
7	0	0	2	0	0	0	0	0	1	1	0	0	5	2	28	29	35	15	9	4	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	1	3	17	8	1	3	9	4	2
9	7	0	0	0	0	4	15	14	18	3	2	5	2	3	6	3	4	3	2	2	0	0	0	1	4
10	1	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	2	0	0	1	0	0	0	0	0
11	1	0	0	0	4	3	0	0	3	5	6	30	****	11	5	0	1	0	0	0	0	0	0	0	3
12	2	2	5	2	2	6	5	2	4	2	2	9	26	19	4	41	2	2	0	0	0	2	0	0	6
13	2	0	0	0	0	0	0	0	0	3	4	16	23	8	0	0	0	0	0	0	0	2	2	3	3
14	6	6	5	3	2	2	2	2	3	7	28	30	9	2	1	0	0	0	1	0	2	3	3	2	5
15	3	1	1	1	1	1	1	2	2	3	2	17	21	14	24	25	13	8	3	2	3	1	2	6	
16	4	2	5	11	17	19	17	3	2	2	9	7	13	6	10	2	7	2	3	2	1	1	1	14	7
17	15	7	8	15	15	20	12	8	9	5	4	4	10	9	5	3	2	2	3	3	3	3	3	3	7
18	2	2	2	4	6	4	3	5	5	6	9	9	9	8	4	5	4	4	3	2	2	2	2	3	4
19	3	2	3	3	1	3	3	3	6	8	6	8	8	2	0	0	0	0	1	0	0	0	0	0	3
20	0	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21													DATA MISSING												
22													DATA MISSING												
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24													DATA MISSING												
25													DATA MISSING												
26													DATA MISSING												
27													DATA MISSING												
28	***	***	***	***	***	***	***	***	***	***	***	***	0	1	1	1	1	1	1	1	1	0	0	0	****
29	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
30	1	0	0	0	0	0	0	0	0	0	0	***	0	0	0	1	5	8	15	19	17	17	14	7	8
31	7	5	2	2	1	2	1	2	2	3	3	7	36	26	13	52	3	2	3	9	3	2	0	1	8
MEAN	3	3	2	3	3	3	3	2	3	2	3	6	8	6	4	8	5	4	4	3	2	2	2	2	4

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DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	11	1	2	8
MAY	24	2	11	77
JUN	30	6	27	100
JUL	31	3	11	63
AUG	31	4	16	68
SEP	30	2	9	55
OCT	31	3	15	102
NOV	28	3	9	72
DEC	24	4	8	52
YEAR	240	3	27	102

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - 394 MONTAGUE AVE SUDBURY

NO 77005

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	242	11	0	0	0	0	253
MAY	490	33	8	20	3	3	557
JUN	550	54	12	36	22	35	709
JUL	601	55	23	36	13	10	738
AUG	609	47	22	32	22	11	743
SEP	610	25	15	14	10	1	675
OCT	604	46	24	31	20	4	729
NOV	531	32	14	18	6	5	606
DEC	396	65	16	24	9	2	512
YEAR	4633	368	134	211	105	71	5522

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.1	0.4	0.7	1.0	9.3	18.3	32.4	43.7	102	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	2	2	3	4	11	15	20	8	11	8	4	4	5	4	3	3	3	3	3	5
2	4	3	3	2	2	3	3	3	2	2	1	1	1	1	1	1	1	4	4	4	4	4	4	4	3
3	4	3	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
4	11	9	7	5	3	1	1	3	6	4	6	3	4	5	5	4	5	6	1	3	3	3	2	1	4
5	3	3	3	8	3	6	4	6	4	4	1	1	0	3	1	0	1	1	2	2	3	3	4	5	3
6	5	5	5	2	3	3	2	4	4	5	4	4	1	1	1	2	3	3	4	4	4	4	4	5	4
7	5	4	4	4	3	3	2	3	3	3	12	23	6	4	3	3	3	3	3	3	1	2	1	1	4
8	1	1	1	2	2	2	2	1	1	1	1	1	2	4	3	2	3	1	1	2	0	1	1	1	2
9	1	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
10	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1
11	2	1	2	2	1	1	2	3	3	2	2	2	3	8	7	7	7	15	32	37	19	12	11	12	8
12	8	8	5	5	5	4	3	3	3	3	3	3	3	14	23	23	13	8	3	4	3	3	3	4	7
13	4	3	3	1	2	3	2	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	2	0	1
14	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0
15	1	2	3	3	3	3	3	3	6	3	2	0	24	37	29	19	19	9	6	20	17	14	12	22	11
16	4	1	1	2	1	2	1	2	2	1	3	3	3	1	2	5	3	3	0	0	0	0	0	0	2
17	0	4	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
19	2	1	1	1	1	1	3	2	3	4	2	1	1	2	3	1	2	1	1	1	1	1	1	2	2
20	2	2	5	7	6	6	6	5	5	4	3	1	1	1	1	2	2	1	0	0	3	4	1	0	3
21	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	1	2	2	2	3	5	4	2	1	4	5	11	16	6	5	3	1	0	1	0	0	1	2	3
23	2	1	7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	3	3	2	1
24	1	2	1	2	3	6	8	4	3	4	2	1	1	0	0	1	1	2	2	2	1	1	1	2	2
25	1	2	1	1	2	2	4	3	3	3	3	4	4	4	4	7	6	5	3	5	3	2	3	2	3
26	2	3	3	1	1	0	0	0	0	0	0	0	1	2	2	3	3	21	21	17	8	6	4	4	4
27	3	0	0	1	1	1	2	1	2	2	1	1	1	2	2	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	4	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	2	1	1	3	1	2	3	1	0	0	0	0	1	0	0	1
31	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	23	3	19	1	20	28	32	28	7
MEAN	2	2	2	3	2	2	2	2	2	2	2	3	3	4	4	3	4	3	4	4	3	3	3	4	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	1	1	4	3	4	7	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	1	1	1	1	1	2	1	9	0	23	22	9	3	1	2	0	0	0	0	0	3
6	0	1	2	3	0	0	1	0	1	1	2	1	0	0	0	0	0	0	5	0	0	0	0	1	1
7	0	4	4	10	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0	0	2	10	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
9	0	0	1	2	1	0	0	0	0	0	1	4	7	7	7	6	6	5	5	4	6	4	3	7	3
10	6	9	6	5	2	3	4	5	17	40	31	22	11	16	6	2	1	1	1	1	0	0	0	0	8
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	19	20	0	0	2	3	6	3	9	0	0	0	3
14	0	0	0	6	2	1	1	2	2	2	1	3	1	0	2	5	2	0	0	0	0	0	0	0	1
15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	8	0	0	0	5	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	0	0	0	0	0	0
17	0	0	2	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	8	4	0	0	0	0	0	0	1	0	0	2	0	2	1	2	2	0	6	30	65	24	31	0	7
21	0	4	0	0	1	5	28	9	1	1	14	21	4	1	6	11	9	5	0	0	0	0	0	0	5
22	0	3	0	31	19	35	45	12	21	18	2	8	0	0	0	0	0	0	0	0	0	0	0	0	8
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
24	0	8	6	3	8	10	3	3	8	12	4	0	5	1	12	7	0	0	0	3	8	1	0	0	4
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
26	0	2	25	0	5	3	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
27	1	1	1	1	0	0	0	0	5	9	1	10	3	0	0	0	0	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	2	0	0	0	0	3	0	1	1
MEAN	1	2	2	2	1	2	3	1	2	3	3	3	2	3	3	2	1	1	1	2	3	2	1	0	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	7	3	5	3	2	2	3	3	1	0	0	1	0	0	0	7	7	0	1	0	0	2
2	1	0	0	2	3	3	3	4	4	5	3	4	4	****	3	2	9	3	2	2	2	1	1	2	3
3	3	0	13	2	1	1	7	13	15	11	13	1	1	17	11	1	0	6	25	12	1	1	1	1	7
4	1	1	20	33	2	2	2	14	17	4	4	15	3	3	4	4	4	3	5	2	4	5	6	3	7
5	2	2	1	1	1	1	1	1	2	2	1	0	0	0	1	1	1	2	1	2	2	3	3	3	1
6	3	3	4	3	3	4	5	6	5	1	0	0	0	0	1	1	1	2	1	2	2	1	0	0	2
7	0	1	6	2	20	37	15	2	2	2	2	2	4	8	3	0	0	0	0	0	0	0	0	0	4
8	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	9	3	10	0	0	0	0	0	0	2
9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	3	4	3	3	2	2	3	1	0	0	10	1	1	1
13	2	1	1	1	2	1	2	2	2	2	3	5	6	11	7	****	2	7	9	8	7	4	5	4	4
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	3	18	32	29	18	5
17	3	1	2	2	3	5	0	3	2	4	11	3	3	6	3	3	1	1	0	10	3	9	16	16	5
18	11	2	0	1	1	2	4	4	3	3	0	****	****	****	****	****	****	****	26	22	12	12	12	11	7
19	7	6	7	10	9	6	4	4	3	3	****	****	****	****	****	****	****	****	5	4	11	7	5	6	6
20	4	4	4	8	8	9	12	7	8	5	8	5	7	2	4	17	8	1	2	2	2	2	1	1	6
21	2	3	4	4	4	4	4	5	4	3	3	2	2	3	3	3	3	3	2	2	2	2	3	2	3
22	1	2	2	1	1	1	2	2	9	8	14	16	15	1	3	2	0	0	****	****	****	****	****	****	4
23	****	****	****	****	****	****	****	****	****	0	0	0	0	0	1	2	3	2	4	2	2	1	0	0	****
24	0	1	1	1	1	1	0	0	1	2	2	2	4	2	3	****	****	2	2	3	4	4	4	3	2
25	3	3	5	7	8	4	12	8	10	5	4	4	4	4	3	4	4	4	4	3	3	3	2	2	5
26	0	0	0	0	0	0	0	0	0	1	1	1	3	10	9	8	7	4	3	3	3	3	2	3	3
27	9	15	2	2	2	3	2	3	2	2	3	1	1	1	1	1	1	2	1	2	1	1	2	2	3
28	4	4	4	4	4	4	3	4	4	4	3	4	3	3	2	3	3	3	13	12	8	6	4	5	5
29	6	5	5	6	6	7	5	7	8	10	5	2	2	2	2	3	2	2	2	3	2	3	3	4	4
30	4	4	5	5	5	5	4	3	5	5	4	13	7	7	8	6	4	6	5	17	5	3	3	3	6
MEAN	2	2	3	4	3	4	3	3	4	3	3	3	3	3	3	3	2	2	4	4	3	4	4	3	3

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	4	3	5	5	5	5	5	****	2	2	3	3	3	****	****	3	3	3	3	2	3	5	3
2	5	5	4	5	7	5	5	4	****	5	4	3	3	3	3	3	3	3	3	3	3	2	2	3	4
3	1	1	0	0	1	1	0	0	0	0	1	****	****	2	3	3	3	2	2	3	3	4	4	2	2
4	4	3	3	4	3	3	3	3	4	4	10	12	15	8	9	4	7	2	2	2	4	6	6	5	5
5	6	6	6	7	6	7	7	14	5	4	5	5	3	3	4	3	3	2	2	2	2	3	3	3	5
6	3	4	4	4	4	5	5	5	5	5	5	5	5	10	5	6	7	5	4	4	4	4	4	3	5
7	4	3	2	1	1	2	2	2	3	4	9	11	7	9	13	5	5	5	5	4	4	3	4	3	5
8	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	5	5	5	4	4	****	****	****	****	4
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	30	3	0	0	0	0	0	0	****
10	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1
11	1	2	2	2	3	3	3	3	3	3	4	2	1	1	2	2	3	2	4	6	2	2	2	2	3
12	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	4	4	4	2	1	1	2	2	4
13	2	3	2	2	2	1	1	2	8	14	13	2	7	6	6	3	2	2	3	2	2	4	4	4	4
14	4	4	4	4	4	4	4	4	1	2	3	4	3	2	2	3	4	3	2	2	2	2	2	2	3
15	2	2	3	3	3	2	2	2	2	4	6	9	10	7	5	3	2	1	5	5	8	3	10	8	4
16	6	4	4	4	5	6	4	4	4	9	7	2	1	1	1	2	2	2	2	2	2	2	2	3	3
17	2	2	2	2	2	2	2	7	2	1	1	1	1	1	1	1	1	2	1	1	3	3	3	3	2
18	4	4	4	2	2	4	4	3	3	3	2	2	3	3	3	4	4	3	3	4	3	6	4	4	3
19	4	5	4	5	5	5	5	15	32	35	20	4	4	5	7	9	3	13	2	10	3	3	14	16	10
20	17	30	35	30	7	30	3	10	22	30	20	7	5	4	5	2	3	4	4	4	4	4	3	3	12
21	4	2	2	4	5	11	12	10	5	5	5	10	5	5	5	5	4	3	2	2	3	3	3	3	5
22	3	3	3	3	3	3	3	3	2	2	2	2	****	3	5	5	7	5	3	3	2	1	1	2	3
23	3	2	2	2	6	3	2	3	4	11	11	6	11	7	9	40	15	8	10	5	4	5	19	8	8
24	5	10	10	5	5	4	4	3	4	5	5	5	6	6	6	5	5	5	5	14	3	3	2	5	11
25	2	2	2	3	3	3	8	10	8	7	25	50	25	25	20	7	5	5	5	5	5	5	5	5	5
26	4	4	4	3	5	4	5	4	4	5	6	12	9	7	11	15	10	7	7	7	6	5	5	5	5
27	8	5	7	6	6	7	6	7	4	13	13	10	6	7	8	7	6	6	6	7	8	8	8	8	7
28	8	9	10	8	8	9	11	11	8	8	13	11	12	14	22	18	****	****	****	****	****	****	****	****	11
29	****	****	****	****	****	****	****	****	****	****	****	****	****	3	6	7	4	5	5	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	3	3	4	3	3	2	2	0	3	3	1	1	4	3	3	****
MEAN	4	5	5	4	4	5	4	5	6	7	7	7	6	5	6	6	6	4	4	4	4	3	4	4	5

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	5	4	5	****	****	****	****	****	****	****	1	2	1	1	1	0	1	1	1	11	6	4	3
2	30	15	24	15	34	22	20	5	0	0	0	3	27	5	0	0	0	0	0	0	0	0	0	0	8
3	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	2	1	1	1	1	2	3	0	0	0	7	22	17	20	37	20	11	2	****	0	0	0	0	6
5	0	0	1	1	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	0	1	****	1	4	13	12	0	0	0	0	0	0	0	0	1	1	1	1
8	2	2	****	****	****	****	****	****	****	45	16	6	3	3	3	3	3	2	3	2	1	0	0	0	6
9	1	2	3	4	3	7	7	10	2	1	1	1	7	7	3	3	2	1	0	0	1	4	3	2	4
10	4	3	7	5	10	7	20	22	13	3	1	3	5	4	1	1	1	1	1	1	1	1	1	2	5
11	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	0	3	5	2	1	0	0	0	1
12	0	0	0	1	1	1	4	1	0	0	0	0	1	****	3	5	6	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
14	0	0	0	0	0	0	0	0	0	1	1	2	4	1	0	1	0	0	0	0	1	1	1	1	3
15	4	3	1	1	1	1	0	1	3	10	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1
16	0	0	0	0	1	1	3	9	2	2	4	2	1	1	2	2	5	4	12	2	1	1	1	1	2
17	1	1	6	6	0	10	25	1	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	8	3
18	1	11	5	1	2	2	1	1	1	6	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2
19	2	2	2	2	1	2	2	2	4	0	0	0	0	0	2	0	****	****	****	****	****	****	****	****	1
20	- DATA MISSING -																								
21	****	****	****	****	****	****	****	****	2	2	2	2	2	6	4	6	3	2	2	2	3	2	3	3	3
22	3	3	2	2	3	3	3	3	3	3	3	3	3	1	1	3	1	2	2	3	4	2	2	2	3
23	2	1	2	2	2	2	2	2	9	12	18	10	40	30	1	8	20	2	2	2	1	2	2	2	7
24	2	1	1	1	10	12	8	1	0	0	0	0	0	0	2	5	2	5	8	9	8	5	1	1	3
25	0	0	0	0	0	0	1	3	3	2	0	1	0	1	1	0	2	2	3	5	2	1	2	3	1
26	5	15	3	12	5	2	0	5	18	40	25	10	20	30	1	0	0	0	0	0	0	0	0	0	8
27	1	0	0	2	3	2	2	1	4	1	1	1	2	2	1	1	****	1	1	2	2	1	1	1	1
28	1	1	2	1	2	2	3	15	10	15	8	5	10	9	5	5	4	3	2	2	2	2	2	3	5
29	4	4	4	4	5	7	2	1	0	0	0	0	0	0	1	1	0	1	2	1	1	1	1	1	2
30	1	1	1	1	2	2	3	4	3	4	4	4	4	4	4	4	4	3	4	4	4	5	4	3	3
31	4	4	2	3	4	4	2	4	4	6	3	6	5	3	3	3	6	9	9	9	5	3	2	2	4
MEAN	2	3	3	3	4	4	4	4	3	6	3	3	6	5	2	3	3	2	2	2	1	2	1	2	3

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	2	2	2	2	2	3	5	4	4	5	5	5	4	3	3	4	4	4	4	3	3	4	3
2	4	3	4	2	3	4	5	3	5	5	4	5	4	4	4	4	4	3	3	4	3	3	3	4	4
3	1	1	1	1	1	1	1	1	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
4	- DATA MISSING -																								
5	- DATA MISSING -																								
6	- DATA MISSING -																								
7	- DATA MISSING -																								
8	- DATA MISSING -																								
9	- DATA MISSING -																								
10	- DATA MISSING -																								
11	- DATA MISSING -																								
12	- DATA MISSING -																								
13	- DATA MISSING -																								
14	- DATA MISSING -																								
15	- DATA MISSING -																								
16	- DATA MISSING -																								
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	1	0	0	0	0	0	0	0	1	3	2	1	6	6	6	5	2	2	2	2	0	0	0	1	****
19	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	7	3	1
21	1	5	1	1	5	25	4	3	7	3	6	15	24	21	15	18	18	13	10	9	5	16	11	12	10
22	11	10	4	4	7	8	3	2	0	0	0	35	25	16	5	10	8	7	16	7	5	0	0	0	8
23	0	0	1	1	3	3	2	2	3	10	1	1	3	0	1	1	2	1	1	0	0	0	0	1	2
24	1	0	2	3	1	1	1	1	1	0	1	1	5	5	2	3	2	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	3	2	1	0	0	1	0	0	1
26	0	2	2	1	13	3	5	****	10	15	8	4	3	4	8	9	4	3	3	2	8	1	0	0	5
27	0	0	0	0	0	0	0	2	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	6	8	20	30	5	15	28	6	3	1	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	5	15	10	9	3	1	0	0	0	2
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	1	1	2	3	2	1	3	3	3	7	6	5	5	4	5	5	3	2	2	2	2	2	3

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	2	0	0	1	5	7	4	1	1	1	1	1	7	5	11	15	3	3	25	5	4
2	0	0	0	0	0	0	0	0	0	11	17	17	17	9	25	3	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	1	5	15	13	16	18	30	5	3	6	1	8	8	2	1	0	0	6
4	0	0	0	0	0	0	2	3	15	3	3	23	4	2	2	2	4	3	3	1	0	0	0	0	3
5	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	0	2	1	15	20	21	17	15	11	12	5	3	1	0	0	0	5
7	0	0	0	0	0	0	1	3	10	13	3	3	4	6	5	11	17	11	5	2	1	1	0	0	4
8	1	1	2	3	3	5	11	13	3	6	4	7	9	7	6	10	2	0	3	1	0	0	0	0	5
9	6	3	4	6	5	5	11	13	3	6	4	7	9	7	6	10	2	0	3	1	0	0	0	0	5
10	0	0	1	0	0	0	1	3	9	27	23	26	16	6	11	6	6	5	4	2	2	0	0	1	6
11	3	5	5	5	5	5	5	5	5	4	3	3	1	1	0	1	0	0	0	0	0	0	0	0	2
12	0	0	0	0	0	0	0	3	5	3	3	2	2	2	2	2	3	2	2	2	1	2	1	1	2
13	3	2	1	0	0	1	1	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1	1	0	1
14	0	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	3	2	2	4	5	5	6	6	2
15	6	6	6	6	6	6	7	7	5	0	4	23	6	8	0	0	1	1	1	1	12	49	1	0	7
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	33	49	47	23	18	0	8
17	0	0	0	22	0	0	0	0	0	0	35	75	138	80	54	32	0	0	0	0	0	0	0	0	19
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	11	6	0	0	0	0	1	2	2	6	0	0	0	0	0	0	0	21	30	19	19	0	0	13	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	5	19	1
22	0	0	0	0	0	1	6	1	0	0	25	17	27	33	14	22	6	0	0	0	0	0	0	0	6
23	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	1	0	0	0	0	0	0	9	36	40	35	9	5	0	0	2	17	0	2	0	0	1	0	8
26	4	31	3	0	7	6	1	1	1	1	15	28	0	0	0	0	0	15	13	0	0	0	0	0	5
27																									
28																									
29																									
30																									
31																									
MEAN	1	2	1	2	2	1	2	2	3	6	8	12	11	7	6	5	4	7	5	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 83

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	53	75	39	75	52	1	8	16	23	14	3	3	15
5	0	16	37	68	0	0	0	4	9	21	52	96	88	36	95	43	41	7	7	5	0	0	1	41	28
6	1	15	0	1	1	0	3	1	1	16	1	0	0	1	0	0	0	0	0	1	1	10	0	0	2
7	0	0	0	0	0	9	0	2	18	4	4	72	26	38	22	8	1	0	0	0	0	0	9	4	7
8	7	0	7	12	2	8	2	2	2	5	0	18	26	38	22	8	1	0	0	0	0	0	9	4	7
9	0	1	1	0	0	0	0	0	0	2	34	21	0	0	0	0	0	0	0	0	0	3	1	0	3
10	0	0	0	0	0	0	1	1	5	14	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	3	19	36	23	8	7	22	2	1	2	1	0	5
12	0	0	0	0	0	0	0	0	0	6	16	14	0	0	19	5	3	1	4	1	10	8	3	4	4
13	2	4	1	1	1	0	0	1	9	6	38	57	99	50	44	33	19	14	9	4	4	2	19	7	18
14	10	25	49	21	56	63	29	27	2	114	56	14	4	9	4	12	6	12	5	0	0	0	0	1	22
15	1	1	1	1	3	0	4	0	6	6	10	5	5	0	0	0	0	0	0	0	0	1	1	1	2
16	0	0	0	0	0	0	0	0	5	26	43	6	2	6	44	60	16	38	4	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	9	4	0	0	0	1
20	0	4	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	7	5	14	5	0	0	2	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	9	5	4	12	21	39	17	15	30	37	13	25	0	0	10	0	1	0	2
25	3	0	22	0	2	0	0	0	0	0	0	0	5	12	14	17	15	4	1	2	18	9	21	0	10
26	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	2	1	1
27	0	0	0	0	0	0	0	0	4	12	1	0	0	0	0	0	0	2	3	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	23	18	0	8	5	0	0	0	0	2
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	3	4	4	3	3	2	2	2	9	10	12	11	9	13	12	7	4	3	2	3	2	2	2	5

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	1	0
2	1	0	0	0	1	0	0	0	0	0	1	35	15	0	0	0	0	0	34	1	0	0	0	0	4
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	0
4	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	9	5	16	9	15	67	46	5	0	0	0	0	0	0	0	7
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	2	21	0	7	13	28	22	2	1	1	0	0	0	4
9	0	0	0	0	0	8	5	1	1	5	1	21	47	30	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	43	128	13	1	0	0	0	0	0	0	11	14	39	10
11	88	48	28	0	0	18	44	39	5	0	0	63	29	1	7	1	27	10	8	24	79	59	41	18	27
12	15	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	18	5	3
13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	2	0	1
14	0	0	0	0	1	0	0	0	0	1	11	43	17	31	38	42	53	37	3	2	0	0	0	1	12
15	0	3	2	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	4	32	9	2	4
16	0	8	23	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	9	0	0	0	0	0	0	2	3	10	2	1	0	1	4	9	12	8	6	5	4	3	3
18	0	0	0	0	0	0	0	0	2	8	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	6	2	0	0	0	8	61	41	28	36	0	0	0	0	0	0	0	0	8
20	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	77	1	0	0	0	0	37	10	1	0	0	0	0	5
22	1	0	0	21	0	1	21	3	3	9	0	10	66	89	76	144	116	95	67	0	0	0	0	0	30
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	1	3	0	0	0
24	3	7	6	12	12	10	22	33	8	0	0	22	19	0	0	0	0	0	0	23	0	35	16	10	0
25	18	55	33	6	2	6	1	15	14	0	52	66	0	0	0	0	1	11	0	0	0	0	0	0	9
26	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	5	4	3	1	1	2	3	3	1	1	4	8	15	7	8	7	9	8	5	4	4	5	4	3	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	5	12	69	58	15	2	1	0	0	0	0	0	0	0	0	0	7
2	0	0	0	0	0	0	0	0	0	0	0	0	0	19	21	16	54	62	95	63	67	31	107	32	24
3	7	5	4	67	56	19	17	0	1	0	0	0	4	21	45	27	11	2	0	0	0	0	0	0	12
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
5	0	0	0	0	7	19	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	1	1	1
6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	6	0	2	0	0	7	16	29	32	3	22	24	0	0	4	0	6
11	2	4	0	0	0	0	0	0	0	24	28	11	27	63	33	18	9	11	31	19	17	9	7	5	13
12	3	3	2	1	0	0	0	0	0	1	14	12	6	7	21	15	15	17	0	0	11	8	4	1	6
13	4	3	0	0	0	0	1	7	15	3	1	16	0	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	33	28	17	0	0	0	0	0	0	0	0	3
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	1	2	4	4	1	1	1	0	0	4	7	13	7	9	5	4	0	28	56	3	44	5	0	0	8
18	19	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	4	4	3	1	11	5	5	1	0	0	0	0	0	1	0	1	1	2
20	1	1	2	1	1	2	1	2	0	1	2	1	1	5	13	4	1	0	1	1	2	1	1	2	2
21	2	1	1	2	4	6	11	7	7	1	2	1	1	0	1	1	0	1	0	0	0	2	1	2	2
22	2	0	2	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
23	1	1	0	1	2	1	1	0	1	5	8	12	16	174	44	25	24	39	19	19	32	44	27	21	0
24	19	12	8	5	4	4	3	5	7	14	23	27	6	16	7	1	5	11	1	1	0	1	1	8	0
25	1	1	1	1	1	1	0	0	2	12	1	0	18	19	6	1	0	0	2	1	1	3	9	6	4
26	1	1	3	8	6	1	1	2	4	36	24	21	8	5	0	0	6	11	5	0	10	0	0	0	6
27	1	1	4	7	9	26	37	28	1	1	1	1	1	1	0	0	1	6	2	1	0	4	0	1	6
28	3	0	0	4	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	14	30	0	0	0	0	0	0	0	2
30	0	7	12	13	12	8	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	0	0	0	3
31	0	0	0	0	0	3	15	5	0	0	1	1	1	0	0	0	0	0	0	0	2	13	0	2	2
MEAN	2	2	1	4	3	3	3	2	2	4	6	6	4	8	13	6	6	6	8	6	5	5	7	3	5

PERCENTAGE OF DATA VALID - 98

UNITS - PARTS PER HUNDREDMILLION

MONTH NOV 70

PERCENTAGE OF DATA VALID - 97

UNITS - PARTS PER HUNDREDMILLION

MONTH DEC 70

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - SULPHUR DIOXIDE

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	11	37
FEB	28	2	8	65
MAR	30	3	7	37
APR	30	5	12	50
MAY	30	3	8	45
JUN	17	3	10	35
JUL	26	4	19	138
AUG	29	5	28	114
SEP	30	5	30	144
OCT	31	5	24	174
NOV	30	7	29	135
DEC	25	5	13	53
YEAR	337	4	30	174

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - SULPHUR DIOXIDE

UNIT - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 04	05 TO 10	11 TO 14	15 TO 25	26 TO 39	40 & OVER	TOTAL
JAN	621	59	13	20	8	0	721
FEB	583	54	8	13	6	3	667
MAR	548	91	22	18	5	0	684
APR	422	185	24	17	8	2	658
MAY	573	65	10	22	6	3	679
JUN	302	46	5	18	3	0	374
JUL	468	75	17	36	13	10	619
AUG	541	55	15	31	16	25	683
SEP	598	43	9	24	19	27	720
OCT	586	50	22	36	21	17	732
NOV	479	65	13	83	51	12	703
DEC	312	196	23	33	6	2	572
YEAR	6033	984	181	351	162	101	7812

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.2	0.5	0.9	2.7	10.2	20.6	31.6	44.3	174	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	2	0	0	1	0	0	4	****
29	0	3	2	4	5	2	6	3	0	3	4	3	3
30	5	3	2	4	2	1	5	2	3	2	5	0	3
31	2	6	0	2	3	2	0	12	4	0	2	3	3
MEAN	2	4	1	3	3	2	3	4	2	1	3	3	3

PERCENTAGE OF DATA VALID - 11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	0	7	2	1	2	1	4	0	2	2	2
2	7	0	0	2	3	0	0	0	3	3	2	0	2
3	0	2	0	0	3	2	0	0	0	1	2	0	1
4	2	5	4	6	2	0	0	3	2	0	3	9	3
5	1	1	9	4	4	2	0	0	7	2	0	7	3
6	4	1	3	10	0	0	3	2	7	0	0	5	3
7	0	2	3	7	5	3	3	2	0	0	2	4	3
8	3	7	9	5	5	4	1	0	0	4	2	9	4
9	13	5	6	7	7	6	5	2	2	1	4	2	5
10	3	3	8	10	9	5	4	2	2	6	0	7	5
11	4	6	9	10	3	2	0	5	3	3	4	3	4
12	0	3	4	5	2	3	2	4	4	5	3	0	3
13	3	7	3	5	3	5	3	0	1	3	0	3	3
14	0	3	2	0	0	0	2	2	4	2	4	2	2
15	2	2	0	11	2	0	3	3	2	3	0	2	3
16	0	2	8	11	6	9	8	1	2	3	2	11	5
17	6	5	3	7	3	2	5	2	0	1	1	10	4
18	4	4	0	3	2	2	4	4	0	3	0	4	2
19	4	3	0	3	2	2	4	4	0	3	0	4	2
20	2	3	8	8	0	0	3	4	0	1	6	2	3
21	4	0	1	3	2	2	2	2	4	2	3	4	2
22	11	4	3	3	4	4	0	1	0	3	3	0	3
23	5	1	7	10	14	8	4	5	0	2	4	1	5
24	0	5	9	8	2	6	2	3	6	4	2	2	4
25	2	0	4	1	1	2	5	0	4	2	2	5	2
26	2	2	4	4	3	3	5	4	2	8	4	3	2
27	4	0	0	4	2	2	0	5	0	0	0	5	4
28	5	7	2	3	15	2	3	4	2	3	9	10	4
29	7	2	2	2	2	2	2	6	6	3	3	3	5
30	8	6	7	8	2	4	3	0	6	9	3	3	5
MEAN	4	3	4	5	4	3	3	2	2	3	2	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008
 UNITS - COHS/1000FEET X 10
 MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	12	17	4	13	11	7	5	3	8	1	3	8
2	18	9	7	7	9	5	6	2	6	4	5	5	7
3	2	3	11	7	11	2	2	4	2	1	3	4	2
4	6	1	1	2	0	6	2	0	0	2	1	0	4
5	0	0	0	2	0	3	3	1	2	0	3	0	2
6	3	8	13	11	0	4	3	1	2	1	3	6	2
7	6	3	8	12	8	2	9	2	0	3	12	5	5
8	8	6	0	4	1	5	2	2	0	0	5	3	5
9	10	7	3	9	4	5	6	7	6	7	1	7	5
10	2	6	9	5	10	9	5	0	2	2	3	3	5
11	6	6	5	3	5	0	0	2	1	2	0	7	3
12	2	5	12	13	9	4	3	3	0	1	4	6	5
13	12	8	7	2	8	4	5	1	2	4	6	3	5
14	4	3	17	7	9	0	8	4	2	4	5	1	5
15	7	17	16	8	0	0	5	3	0	0	2	3	5
16	1	2	1	1	3	7	1	0	1	0	5	0	1
17	6	11	6	7	7	0	5	1	2	4	0	0	5
18	5	7	3	4	6	0	3	4	6	5	2	0	4
19	4	0	5	0	2	0	0	3	2	2	0	5	2
20	5	2	1	0	0	2	5	8	2	0	2	3	3
21	5	2	0	0	5	7	2	7	3	2	2	1	3
22	0	5	2	4	7	6	7	0	0	0	3	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0
25	7	3	7	5	8	3	7	6	6	7	3	3	5
26	2	4	2	5	3	2	5	3	2	3	3	1	3
27	3	3	0	3	3	2	7	5	3	5	0	3	3
28	2	2	0	3	10	4	5	5	5	3	3	6	5
29	3	3	4	3	4	3	4	4	5	2	2	2	3
30	3	0	2	3	2	6	5	7	4	2	4	6	4
31	5	6	3	3	3	8	5	6	5	3	3	5	5
MEAN	5	5	6	5	5	4	4	4	3	3	3	4	4

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008
 UNITS - COHS/1000FEET X 10
 MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	7	3	4	2	2	3	3	2	0	2	0	3
2	0	0	2	0	0	2	0	2	2	3	2	2	2
3	5	6	3	5	2	3	2	4	1	3	2	6	3
4	2	2	2	3	3	4	5	3	3	2	1	4	3
5	2	5	3	4	6	5	7	7	3	4	3	5	5
6	6	5	9	9	11	9	7	9	9	2	3	6	7
7	0	6	6	6	5	7	5	6	2	3	0	2	4
8	2	2	3	3	2	3	5	3	3	2	3	2	3
9	4	2	1	2	3	5	2	3	3	2	1	3	3
10	2	0	2	3	2	5	4	6	3	3	4	4	3
11	9	4	7	5	6	5	4	3	3	7	9	6	6
12	10	8	9	11	6	5	3	5	2	3	8	15	7
13	15	10	9	10	9	3	3	4	6	3	6	11	7
14	11	9	15	15	10	5	0	0	0	0	0	0	0
15	7	2	9	7	4	3	2	1	2	2	0	5	4
16	5	5	2	4	7	3	5	1	4	3	2	2	4
17	3	2	3	2	8	3	5	8	3	2	1	2	4
18	4	3	3	3	3	7	7	5	3	5	6	5	5
19	7	9	9	3	6	2	3	2	0	3	7	6	5
20	2	8	5	6	0	3	2	4	2	2	2	5	3
21	2	2	2	4	2	3	2	1	2	3	5	3	3
22	6	7	4	5	2	0	2	2	5	3	3	3	3
23	3	2	6	7	7	3	2	0	2	2	2	3	3
24	7	13	7	3	3	7	2	4	3	6	9	5	3
25	9	12	13	12	11	10	4	7	2	7	3	11	6
26	2	2	3	7	3	11	13	6	5	7	11	13	8
27	11	19	12	9	9	4	6	7	5	8	3	3	7
28	7	3	3	4	4	2	2	3	2	2	5	3	8
29	0	3	9	9	7	3	2	3	4	4	0	0	4
30	1	0	2	3	2	3	3	3	3	2	2	5	2
31	5	5	6	6	5	4	4	4	3	3	4	5	4
MEAN	5	5	6	6	5	4	4	4	3	3	4	5	4

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008						MONTH SEP 70							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	13	6	7	7	4	3	7	2	2	4	3	5
2	3	0	5	13	3	0	4	2	2	3	3	5	4
3	0	7	8	9	7	4	5	2	2	5	5	4	5
4	6	5	3	7	3	4	3	2	3	2	2	3	4
5	3	4	3	3	3	0	2	2	0	2	3	3	2
6	3	1	2	3	0	2	3	2	5	2	3	5	3
7	1	3	6	3	3	4	0	3	1	3	2	3	3
8	2	1	2	9	5	7	3	5	1	2	1	2	3
9	4	2	1	5	5	5	2	2	4	2	2	3	3
10	0	2	1	1	7	2	1	2	2	4	0	3	2
11	3	5	2	2	11	5	2	3	0	5	0	7	4
12	7	5	5	2	16	5	2	3	2	2	0	6	5
13	8	2	5	2	2	0	0	3	3	1	3	2	3
14	2	0	3	3	2	2	4	3	0	2	2	3	2
15	2	4	4	3	9	7	5	2	2	0	7	3	4
16	7	6	0	2	2	3	0	5	3	3	2	3	3
17	2	2	0	0	4	2	5	3	0	****	0	2	2
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21	****	****	****	****	****	****	2	5	4	6	4	4	****
22	4	9	9	7	7	5	3	3	2	5	2	3	5
23	3	2	2	3	4	5	5	3	3	4	4	3	4
24	1	5	0	5	5	2	3	2	2	5	4	13	4
25	3	2	4	11	11	8	6	7	3	5	8	5	4
26	4	5	4	3	2	2	3	2	3	0	3	2	3
27	2	1	2	2	2	0	0	0	4	4	3	2	2
28	3	3	1	7	6	2	2	2	2	2	3	6	3
29	6	2	7	9	11	2	3	2	1	3	2	10	5
30	6	9	9	10	4	3	4	2	2	3	1	3	5
MEAN	4	4	4	5	5	3	3	3	2	3	3	4	4
PERCENTAGE OF DATA VALID - 88													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008						MONTH OCT 70							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	5	12	8	2	3	1	3	2	4	6	4
2	6	2	6	7	7	7	2	4	3	5	9	11	5
3	5	8	3	4	4	2	4	0	4	4	3	4	4
4	5	6	5	5	2	2	1	3	3	0	4	4	3
5	5	3	2	4	4	2	3	3	5	2	6	3	4
6	2	6	4	4	5	5	4	4	5	6	4	9	5
7	5	5	5	7	9	6	3	5	3	4	5	7	5
8	9	4	7	8	6	5	5	3	3	5	3	5	5
9	7	3	2	2	4	3	3	0	0	3	2	2	3
10	1	7	9	4	3	3	2	2	2	3	7	8	4
11	6	3	5	3	4	1	2	3	3	2	3	6	3
12	3	5	7	9	6	6	2	2	3	8	3	4	5
13	3	2	5	5	4	5	4	8	13	13	3	4	6
14	5	2	5	6	9	7	3	3	4	5	2	3	5
15	2	2	4	3	4	2	2	4	2	5	3	4	3
16	5	2	8	7	7	2	1	2	4	8	12	10	6
17	5	6	8	10	9	3	2	4	5	7	7	8	6
18	13	10	9	5	5	6	2	1	4	5	2	5	6
19	5	4	11	18	12	3	3	4	6	5	3	4	7
20	3	3	3	6	9	6	3	5	0	6	4	3	4
21	3	0	3	3	7	9	5	7	7	6	7	8	5
22	7	15	12	19	21	9	3	4	3	11	9	19	11
23	25	15	17	10	15	7	8	7	11	13	19	16	14
24	11	5	31	13	6	5	2	3	3	8	4	3	8
25	3	2	5	5	3	3	2	2	4	2	3	3	3
26	2	3	5	9	2	7	4	5	5	4	11	2	5
27	7	3	9	10	11	7	8	8	3	7	8	7	7
28	7	5	6	6	9	3	6	5	6	7	7	6	6
29	4	7	6	7	11	8	2	5	11	2	5	3	6
30	5	4	9	7	11	5	8	2	7	2	3	2	6
31	4	2	2	3	2	2	5	7	3	7	5	2	4
MEAN	6	5	7	7	7	4	4	4	5	5	5	6	5
PERCENTAGE OF DATA VALID - 100													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	5	4	8	6	2	3	5	7	6	5	5
2	2	5	6	7	9	12	0	5	3	6	7	6	7
3	3	3	4	5	11	11	4	12	11	5	5	5	7
4	4	6	9	11	9	5	1	5	7	4	5	5	6
5	3	5	5	5	5	2	3	6	8	7	3	5	5
6	2	1	7	7	5	6	5	4	4	4	6	10	5
7	8	9	11	7	5	2	2	1	2	2	6	5	5
8	13	9	14	8	14	9	4	6	7	3	2	6	8
9	5	7	11	15	14	7	6	8	7	4	5	8	8
10	4	5	3	1	4	2	5	6	6	6	2	4	4
11	2	2	6	5	7	7	6	2	5	5	7	7	5
12	7	10	10	9	7	4	4	5	6	7	4	8	7
13	3	5	3	5	5	2	3	5	3	2	2	0	3
14	2	2	1	2	2	2	2	5	6	5	2	3	3
15	2	4	3	1	2	3	2	3	3	5	9	8	4
16	4	9	13	10	10	7	9	4	5	5	10	16	9
17	10	10	12	9	7	7	5	3	4	5	5	7	7
18	8	5	6	10	10	3	8	4	9	8	6	9	7
19	5	8	8	9	6	9	7	8	3	5	5	7	7
20	7	7	8	2	2	4	2	6	5	5	0	3	4
21	0	0	2	3	11	8	2	5	3	3	3	0	3
22	1	4	1	4	2	5	2	2	2	5	5	5	3
23	8	4	0	5	5	3	3	2	4	5	5	5	3
24	3	3	0	11	8	5	6	6	4	2	2	0	3
25	7	2	0	3	3	4	3	6	3	3	3	2	5
26	6	2	3	6	4	3	3	5	6	0	6	3	4
27	5	3	6	5	11	17	7	8	7	4	7	6	7
28	5	0	2	3	3	6	0	3	5	5	1	8	3
29	5	4	4	3	3	0	3	7	9	6	3	3	4
30	3	2	3	3	6	7	3	4	3	0	5	7	4
MEAN	5	5	6	6	7	6	4	5	5	5	5	6	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	9	9	12	4	4	3	3	5	3	4	9	6
2	3	2	3	7	5	4	4	3	5	3	9	19	6
3	17	11	7	9	5	11	9	11	5	10	8	3	9
4	2	3	2	2	2	2	8	4	5	7	5	4	3
5	3	0	2	3	2	3	4	8	0	2	1	0	2
6	0	2	3	5	1	3	2	2	2	3	3	2	3
7	4	2	7	7	9	9	9	5	3	3	3	3	2
8	2	5	4	3	6	5	5	5	3	6	4	3	4
9	6	3	5	6	8	9	6	5	7	4	2	3	5
10	1	6	1	9	6	5	7	4	5	3	7	2	5
11	2	2	5	0	6	3	7	5	6	5	5	4	4
12	3	5	3	7	7	5	5	5	4	5	7	7	5
13	7	5	6	6	5	2	3	4	2	4	4	3	5
14	5	5	5	9	3	7	3	4	4	3	5	5	5
15	7	3	7	14	11	5	1	7	10	11	7	14	8
16	11	5	4	9	5	3	9	5	7	7	4	9	5
17	12	10	5	10	5	12	6	3	9	****	****	****	6
18													
19													
20													
21													
22	****	****	****	****	****	****	15	13	13	12	14	10	****
23	5	4	2	8	8	7	8	16	11	8	4	6	7
24	2	3	3	2	6	5	3	3	7	7	8	6	5
25	8	6	4	3	5	3	2	5	4	4	3	4	4
26	0	1	2	0	6	12	3	4	3	2	5	3	3
27	2	4	3	3	3	4	4	3	3	2	3	11	4
28	6	4	11	10	16	10	7	5	3	8	12	14	9
29	17	13	7	6	16	11	7	9	10	8	9	14	11
30	16	15	12	27	29	19	13	1	9	8	6	3	13
31	6	2	5	5	4	3	3	5	5	6	5	7	5
MEAN	6	5	5	7	7	6	6	5	5	6	6	6	6

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	4	3	3	12
JUN	30	3	5	15
JUL	31	4	8	18
AUG	30	4	8	19
SEP	27	4	6	16
OCT	31	5	14	31
NOV	30	5	9	17
DEC	27	6	13	29
YEAR	210	4	14	31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	36	6	1	0	0	0	0	43
JUN	271	83	6	0	0	0	0	360
JUL	217	121	14	5	0	0	0	357
AUG	215	118	20	1	0	0	0	354
SEP	229	80	7	1	0	0	0	317
OCT	184	157	22	6	2	1	0	372
NOV	155	185	18	2	0	0	0	360
DEC	135	142	28	8	2	0	0	315
YEAR	1442	992	116	23	4	1	0	2478

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84	0	0.8	2.0	3.2	4.9	8.4	10.4	12.9	15.4	31	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	1	3	2	2	2	3	3	5	2	3
2	1	2	2	2	5	3	2	4	5	2	3	9	3
3	7	4	6	2	2	5	3	3	4	2	4	2	4
4	5	4	3	2	3	3	3	3	5	2	3	2	3
5	2	2	5	3	2	3	2	3	5	1	4	2	3
6	2	6	4	3	2	2	3	2	5	2	4	4	3
7	6	5	3	3	7	2	5	3	4	3	2	5	4
8	1	4	2	2	3	2	5	3	6	5	3	3	3
9	6	3	5	3	3	6	3	5	4	6	3	2	4
10	2	2	2	3	1	2	7	2	6	2	5	6	3
11	6	4	2	4	4	5	4	2	0	2	5	4	4
12	4	6	6	9	7	2	2	2	6	4	2	5	5
13	4	3	2	7	8	1	1	1	2	2	4	2	3
14	0	1	2	1	1	1	2	1	2	2	3	2	2
15	2	***	3	2	***	1	1	1	0	3	3	3	2
16	13	5	5	10	15	16	17	9	13	5	7	4	10
17	2	1	2	2	5	2	***	***	***	2	2	3	2
18	2	2	1	***	***	***	***	***	***	2	3	4	***
19	2	2	4	2	2	2	2	2	2	2	6	9	3
20	6	2	2	4	5	4	9	6	3	3	6	***	5
21	***	***	***	***	***	2	3	3	3	2	2	6	***
22	8	2	9	4	7	10	7	5	3	3	4	6	6
23	3	2	2	4	4	2	3	0	2	1	4	2	2
24	3	6	6	6	5	8	3	4	6	6	6	8	6
25	3	5	3	2	4	2	3	7	2	***	***	***	3
26	3	5	3	2	4	5	3	2	2	5	5	2	3
27	5	6	5	7	3	5	3	2	6	5	4	6	5
28	6	7	1	7	2	7	2	4	3	2	3	3	3
29	3	6	5	5	1	2	2	1	3	2	4	2	2
30	0	1	2	2	1	0	1	6	4	1	4	4	2
31	6	4	4	6	7	1	4	4	4	5	3	0	4
MEAN	4	4	3	4	4	4	4	3	4	3	4	4	4

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	3	2	3	1	1	4	***	***	***	2
2	***	***	***	1	6	9	4	6	4	4	1	0	4
3	2	6	2	4	1	7	8	4	2	0	1	4	3
4	2	2	3	4	7	7	5	4	7	7	3	8	5
5	5	1	8	3	4	4	6	2	5	***	***	***	4
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
MEAN	3	3	3	3	4	6	5	3	4	4	2	4	4

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH JUN 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	3	9	0	2	4	0	****
6	2	3	3	3	0	5	0	0	7	1	0	2	2
7	5	2	0	3	7	5	7	2	3	5	6	5	4
8	2	13	3	2	5	5	5	2	5	0	7	3	4
9	3	15	7	15	8	2	2	2	7	4	7	6	7
10	7	7	9	11	9	6	2	4	5	0	3	11	6
11	3	9	6	5	7	0	1	5	2	0	6	3	4
12	2	9	7	2	3	0	0	0	3	2	2	2	1
13	2	0	2	0	2	0	3	0	0	2	0	2	2
14	0	6	2	0	4	0	0	3	2	2	2	0	2
15	2	2	2	2	3	3	2	5	3	2	0	5	3
16	9	2	2	2	4	3	7	3	7	4	3	2	4
17	4	3	7	5	4	2	0	4	0	2	2	13	2
18	3	1	1	5	3	2	0	4	0	2	2	3	3
19	2	2	2	0	0	2	0	5	0	2	2	0	1
20	2	2	2	0	1	0	0	2	2	0	3	0	1
21	2	2	3	0	0	2	3	0	0	1	6	5	2
22	12	5	****	****	0	5	3	0	3	2	2	3	3
23	2	3	2	0	5	2	3	0	5	3	5	5	3
24	2	2	3	5	5	3	4	0	4	2	2	3	1
25	0	0	2	0	4	0	0	2	0	0	0	0	2
26	0	2	1	0	4	0	2	5	0	0	2	4	2
27	2	4	2	0	3	1	1	6	0	0	0	4	2
28	7	2	2	0	0	2	2	4	3	2	4	7	3
29	2	2	2	0	0	3	2	4	0	2	3	3	3
30	3	6	2	6	0	3	2	4	0	2	3	3	3
MEAN	3	4	3	3	3	2	2	3	3	2	3	4	3

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH JUL 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	2	7	0	7	2	6	3	0	4	0	3
2	3	0	0	2	0	5	2	0	3	0	2	0	1
3	0	2	4	3	1	3	2	0	2	3	3	0	2
4	4	0	2	0	1	0	2	0	3	3	0	1	1
5	0	2	3	1	2	0	0	1	1	0	0	3	1
6	2	7	2	5	4	4	2	0	0	2	5	2	4
7	7	2	5	6	7	7	2	1	2	0	3	2	4
8	3	1	4	2	0	3	2	0	0	1	0	2	2
9	2	2	1	0	0	3	0	4	0	4	0	0	1
10	1	0	6	2	0	4	3	5	0	2	0	1	2
11	0	2	2	5	0	1	2	1	4	2	3	3	2
12	2	3	3	5	2	3	6	2	2	2	3	3	3
13	3	0	3	5	2	5	5	3	2	3	9	3	4
14	1	2	5	4	6	8	3	4	0	2	3	2	3
15	5	3	4	0	5	2	2	1	2	2	3	0	2
16	5	0	3	2	0	0	0	0	2	0	5	0	2
17	2	3	3	1	5	4	4	0	5	0	5	0	3
18	2	0	1	10	0	0	3	0	1	0	0	1	1
19	2	2	0	0	3	0	0	2	2	2	0	4	1
20	2	1	0	0	0	1	1	0	2	0	0	2	1
21	0	6	4	2	0	2	0	2	2	1	0	3	2
22	3	2	7	3	1	1	2	1	0	2	2	3	2
23	2	5	2	0	2	0	0	2	0	4	0	0	1
24	3	3	5	5	3	3	0	1	0	9	3	1	3
25	3	4	3	5	1	3	2	0	5	3	4	5	3
26	7	5	8	6	2	0	0	0	3	0	5	5	4
27	2	5	****	5	8	3	3	3	1	3	2	2	3
28	2	7	2	2	8	2	3	2	5	7	6	7	4
29	9	2	5	7	9	3	3	4	5	2	5	2	5
30	2	0	1	2	2	2	4	4	2	12	2	7	3
31	5	4	6	7	4	3	2	4	3	2	9	3	4
MEAN	3	3	3	3	3	2	2	2	2	2	3	2	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	3	2	2	0	3	0	3	2	0	0	2
2	2	0	1	1	1	2	0	2	0	1	1	1	1
3	1	0	2	2	0	1	0	0	0	0	0	2	1
4	5	0	0	2	0	0	0	1	1	2	2	1	1
5	2	5	11	7	6	1	0	2	2	0	2	3	3
6	6	9	9	3	2	0	3	0	2	1	0	3	3
7	9	11	15	15	11	5	1	5	2	2	2	5	7
8	3	3	7	5	2	0	1	2	0	2	2	3	3
9	2	0	2	0	2	0	2	2	0	3	1	0	3
10	5	0	2	3	3	4	1	4	2	5	2	3	3
11	2	2	2	5	4	2	2	5	4	2	1	0	2
12	4	3	6	4	2	0	2	0	4	0	1	0	2
13	13	5	11	9	5	2	3	2	1	2	2	6	3
14	4	5	3	7	9	4	6	3	0	8	3	2	5
15	9	7	9	11	3	6	4	3	4	4	4	7	6
16	3	5	5	0	1	0	2	0	1	0	3	0	2
17	4	7	2	0	3	2	0	2	1	0	1	0	2
18	2	2	2	0	3	1	0	2	2	2	0	2	2
19	2	3	2	0	3	3	2	2	2	3	6	0	2
20	3	2	3	2	0	5	2	0	1	0	3	0	2
21	1	0	0	2	0	0	1	0	2	3	2	2	1
22	0	2	2	0	2	0	4	1	1	1	0	2	1
23	3	6	3	1	4	2	2	0	2	2	2	3	3
24	3	3	0	2	1	0	2	0	2	2	5	5	2
25	2	7	9	2	9	0	5	3	4	5	0	5	4
26	5	9	12	10	6	5	0	3	3	3	3	5	5
27	0	3	2	3	3	2	0	2	2	4	3	2	3
28	4	2	5	2	3	8	6	4	2	4	3	9	3
29	0	1	0	3	4	3	3	6	3	0	1	2	4
30	2	3	1	5	4	3	4	5	3	2	0	2	3
31	0	1	0	1	2	2	3	2	2	2	2	5	2
MEAN	3	4	4	4	3	2	2	2	2	2	2	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	5	0	5	5	1	0	2	2	2	1	2	3
2	0	0	4	2	0	2	2	2	4	2	2	1	2
3	3	3	3	2	5	3	5	2	3	3	2	2	3
4	2	2	2	2	2	3	3	2	0	7	6	1	3
5	0	0	2	0	3	2	0	0	3	1	1	2	1
6	0	2	2	3	1	2	2	2	0	2	2	1	2
7	4	0	5	3	3	5	3	3	4	4	2	3	3
8	3	1	3	2	10	10	2	3	2	2	2	1	2
9	2	2	2	1	4	5	0	1	3	2	1	2	2
10	2	2	5	4	3	1	0	2	1	2	3	2	2
11	3	7	1	0	3	2	2	2	0	2	2	3	2
12	4	2	3	9	4	3	5	3	3	4	6	3	4
13	13	4	7	0	2	0	2	0	2	0	3	2	3
14	2	0	2	0	4	2	1	2	2	2	5	0	2
15	2	3	2	0	1	0	3	3	0	7	4	0	2
16	4	2	0	2	1	2	0	0	0	3	1	1	2
17	3	2	2	3	1	2	2	2	3	1	0	5	2
18	3	11	5	7	3	2	3	5	3	5	3	0	5
19	9	5	4	7	8	3	3	5	3	5	3	2	5
20	3	2	0	4	5	5	2	0	2	5	9	10	4
21	6	5	3	5	10	9	4	0	5	6	3	3	5
22	15	0	8	2	2	3	3	5	5	2	3	2	4
23	3	2	0	0	2	1	1	0	0	2	2	0	1
24	3	0	5	3	5	3	7	15	7	6	3	2	5
25	3	3	3	3	0	2	1	5	11	9	7	16	5
26	12	2	7	2	2	2	0	3	0	0	1	4	3
27	1	0	2	2	0	2	0	0	0	2	1	3	1
28	3	2	5	7	3	0	0	0	5	7	2	7	3
29	3	0	7	10	5	0	2	2	2	5	5	5	4
30	12	5	0	2	0	2	0	2	2	0	3	2	3
MEAN	4	2	3	3	3	3	2	3	2	3	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	3	5	0	0	3	0	3	0	2	2	2
2	2	4	7	1	6	3	3	3	4	2	2	3	3
3	5	3	3	5	2	3	0	3	2	3	6	2	3
4	4	3	1	2	0	0	0	4	1	2	3	2	2
5	4	1	2	2	2	2	3	0	0	3	2	7	2
6	7	4	5	5	0	4	7	5	2	0	0	3	4
7	4	2	4	4	6	9	3	4	0	5	3	2	4
8	7	2	10	12	4	5	0	5	7	4	2	0	6
9	2	6	4	2	5	2	3	4	5	4	1	0	3
10	2	1	4	2	1	0	2	2	1	3	3	2	2
11	2	2	2	2	2	1	0	3	0	0	3	2	2
12	2	5	5	5	5	2	6	3	3	0	2	4	4
13	2	1	2	1	1	4	3	4	****	****	****	****	2
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	3	4	4	3	3	3	3	2	2	2	3	3

PERCENTAGE OF DATA VALID - 40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	****	****	11	7	2	0	****
4	0	6	0	0	0	0	0	3	0	1	2	5	1
5	0	0	0	2	2	0	3	0	5	2	2	4	2
6	9	3	4	6	3	8	2	5	9	4	7	5	5
7	3	5	2	2	3	2	2	0	2	0	0	2	2
8	1	5	0	2	2	2	1	3	0	1	3	0	2
9	2	4	2	2	4	4	3	2	7	7	3	3	4
10	6	2	3	0	3	3	5	2	0	5	2	2	3
11	0	7	7	4	3	0	5	0	0	0	4	1	3
12	1	0	1	0	1	2	2	1	5	1	2	3	2
13	0	3	0	0	3	2	0	3	3	1	2	2	1
14	0	2	1	0	0	0	2	0	2	2	2	0	
15	1	2	0	1	0	2	2	2	3	0	19	5	3
16	2	3	0	1	2	****	5	6	2	2	3	3	3
17	3	2	4	7	3	5	1	3	2	5	2	3	3
18	2	3	2	3	0	4	3	7	5	2	3	4	3
19	4	5	7	7	3	12	5	4	5	6	1	5	5
20	2	4	4	2	0	2	5	0	2	0	0	0	2
21	2	1	2	0	1	4	2	3	1	6	3	5	3
22	3	2	2	3	5	3	3	2	2	2	3	3	3
23	3	0	3	0	2	****	3	0	5	5	5	3	3
24	3	2	3	7	3	7	3	1	5	2	3	3	3
25	7	5	3	4	4	2	2	4	2	4	3	7	4
26	3	4	2	7	6	7	7	4	8	3	5	2	5
27	4	5	4	2	15	3	4	2	7	2	2	2	4
28	2	0	3	0	3	0	4	2	3	2	2	5	2
29	2	0	2	5	0	5	2	6	7	2	2	2	3
30	1	3	3	7	5	****	2	5	2	2	2	0	3
MEAN	2	3	3	3	3	3	3	3	4	3	3	3	3

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST	NO 14049	MONTH DEC 70											
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	8	2	7	0	3	5	13	3	0	4
2	5	7	9	2	5	4	3	4	9	7	7	4	6
3	6	4	6	3	3	4	0	2	4	5	2	6	4
4	3	3	2	0	0	3	2	0	5	3	2	5	2
5	5	2	0	3	3	3	3	5	4	0	3	7	3
6	1	2	3	0	2	0	3	1	2	0	4	3	2
7	0	4	0	7	2	1	2	2	0	0	5	2	2
8	0	5	5	2	5	7	6	8	7	12	4	7	6
9	4	9	3	5	7	5	2	10	3	7	3	3	5
10	2	0	2	3	2	2	2	1	3	5	2	5	2
11	3	0	5	3	0	5	2	3	6	0	5	2	3
12	0	0	0	3	5	3	2	4	4	5	3	4	3
13	2	3	2	4	2	2	2	2	3	4	2	3	3
14	3	3	2	2	3	2	7	2	5	2	6	7	4
15	3	7	2	8	5	9	4	4	6	5	7	3	5
16	0	2	3	5	0	3	0	6	5	7	7	2	3
17	0	3	3	3	2	2	0	4	5	2	2	6	3
18	2	8	7	5	2	3	4	3	4	0	8	2	4
19	5	2	11	4	6	5	2	5	3	3	3	0	4
20	0	4	2	4	0	2	1	2	2	3	0	2	2
21	2	0	2	5	4	0	0	3	3	4	0	0	2
22	2	0	0	2	4	0	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	9	4	6	9	7	11	6	****
29	7	4	0	0	****	****	****	****	****	****	****	****	****
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	3	3	4	3	4	2	4	4	4	4	4	3
PERCENTAGE OF DATA VALID - 72													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	10	17
FEB	5	4	5	9
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	26	3	7	15
JUL	31	3	5	12
AUG	31	3	7	15
SEP	30	3	5	16
OCT	13	3	6	12
NOV	28	3	5	19
DEC	24	3	6	13
YEAR	219	3	10	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	249	97	3	2	0	0	0	351
FEB	35	16	0	0	0	0	0	51
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	236	61	7	0	0	0	0	304
JUL	302	68	1	0	0	0	0	371
AUG	302	61	9	0	0	0	0	372
SEP	286	66	7	1	0	0	0	360
OCT	122	29	1	0	0	0	0	152
NOV	254	67	3	1	0	0	0	325
DEC	189	76	4	0	0	0	0	269
YEAR	1975	541	35	4	0	0	0	2555

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77	0	0.4	1.2	1.9	3.1	5.7	6.9	9.0	11.2	19	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	3	2	0	0	0	4	4	****
2	8	7	9	11	8	6	1	0	3	0	0	1	5
3	1	4	7	5	3	3	7	2	2	2	2	0	3
4	1	0	0	2	3	0	2	6	4	6	5	1	3
5	2	1	1	0	0	0	0	0	0	4	3	5	1
6	5	2	3	2	2	2	1	0	1	0	3	4	2
7	2	4	2	1	4	5	2	1	4	2	2	2	3
8	2	0	3	4	4	3	6	5	3	6	4	3	4
9	3	2	1	2	2	2	1	1	2	3	3	2	2
10	1	4	4	2	4	0	1	1	1	2	5	2	2
11	1	3	1	2	1	2	4	2	1	5	7	7	3
12	3	4	6	11	3	2	6	5	5	4	9	9	6
13	6	7	2	4	1	2	0	5	1	0	3	3	3
14	1	0	0	0	0	2	2	3	1	2	2	2	1
15	1	5	2	1	0	4	2	4	6	7	7	11	4
16	2	2	2	2	0	0	1	2	2	1	4	3	2
17	2	2	4	8	2	3	2	4	4	2	4	5	4
18	6	6	3	3	2	6	7	5	2	6	9	9	5
19	8	0	9	4	6	2	1	2	4	2	6	7	4
20	3	5	4	5	6	3	3	2	2	3	2	3	3
21	7	3	4	5	3	2	3	2	3	7	3	3	4
22	4	4	4	5	4	3	2	2	3	4	1	1	3
23	5	3	1	1	6	4	3	3	2	3	1	3	3
24	2	2	2	4	2	4	3	3	6	4	4	2	3
25	2	4	1	8	1	1	3	2	5	6	4	4	4
26	4	2	0	2	2	2	1	5	5	6	4	6	4
27	1	0	2	0	0	2	0	2	2	2	2	5	2
28	4	3	4	4	3	3	2	2	0	2	1	2	1
29	3	2	3	7	3	0	2	2	4	1	4	3	2
30	4	2	4	19	7	9	4	3	1	4	2	2	5
MEAN	3	3	3	4	3	3	2	2	3	3	4	4	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	1	1	2	2	3	2	2	3	4	6	2
2	5	4	5	3	4	4	4	4	5	4	5	5	4
3	5	5	4	7	3	3	1	0	0	3	0	4	3
4	2	0	2	0	3	0	1	0	1	3	4	2	2
5	0	0	4	9	6	3	4	4	7	6	7	6	5
6	7	8	4	5	5	3	4	8	6	7	6	3	6
7	9	5	8	9	13	6	5	6	8	10	12	13	9
8	12	8	8	10	13	12	6	5	5	8	8	13	8
9	8	5	4	7	5	3	2	4	4	7	5	3	5
10	3	2	2	0	3	3	2	2	2	2	2	6	2
11	9	8	6	6	4	2	3	1	0	4	4	5	4
12	2	8	2	4	3	4	4	3	2	2	4	8	4
13	2	4	1	0	2	0	4	2	4	7	3	3	3
14	7	3	6	4	6	4	2	1	0	0	1	2	3
15	3	2	4	2	3	0	3	2	1	0	2	3	2
16	2	1	1	5	4	2	3	2	1	5	2	4	3
17	1	3	2	3	4	5	4	2	4	3	4	8	3
18	5	3	2	3	2	2	3	2	3	4	5	4	4
19	4	2	3	3	1	2	0	2	2	3	8	7	3
20	5	6	7	4	6	5	6	11	6	6	4	3	6
21	2	2	2	2	4	2	3	6	2	6	3	5	3
22	7	2	8	2	3	3	2	0	2	3	6	9	4
23	4	4	5	6	7	7	2	3	2	8	5	5	5
24	3	2	4	3	4	3	1	8	2	4	2	10	4
25	4	1	4	3	6	2	0	3	1	3	0	4	3
26	1	5	2	0	2	2	0	7	6	2	2	5	3
27	2	4	4	0	2	5	2	6	3	0	5	2	3
28	4	1	2	4	4	3	5	2	7	2	4	4	4
29	3	2	4	4	4	1	0	5	2	2	2	3	3
30	1	2	3	2	0	4	2	5	3	0	3	5	3
31	3	2	0	2	4	2	3	3	4	4	3	3	3
MEAN	4	3	4	4	4	3	3	4	3	4	4	5	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
UNITS - COHS/1000FEET X 10													
STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH NOV 70													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	4	3	0	3	3	11	4	1	3	3
2	4	1	3	4	5	3	0	2	7	3	3	4	3
3	0	2	5	3	7	2	5	1	3	3	2	2	3
4	2	2	2	0	0	3	2	0	2	0	4	0	2
5	5	2	0	2	3	2	2	2	2	5	3	1	2
6	0	2	5	2	7	5	0	2	2	3	2	3	3
7	3	8	0	0	2	0	2	7	7	5	2	4	3
8	2	4	3	2	2	0	3	2	2	2	3	7	3
9	9	9	5	3	7	7	7	5	7	0	7	3	6
10	7	5	2	2	5	2	3	2	5	2	0	0	3
11	5	3	9	8	2	5	2	6	6	3	2	7	5
12	5	2	2	7	2	1	2	5	2	3	3	1	3
13	0	3	2	0	2	2	2	2	2	2	2	0	2
14	0	5	2	3	5	****	****	****	2	2	0	8	3
15	3	2	0	0	0	2	3	4	3	3	4	0	2
16	2	0	4	2	6	9	3	5	9	6	7	7	6
17	5	3	6	5	3	2	1	4	3	6	10	7	5
18	5	2	5	9	7	5	10	6	3	7	9	8	7
19	4	6	4	2	4	4	3	2	2	2	1	2	3
20	7	4	4	2	4	4	3	2	2	2	1	2	3
21	2	2	2	2	6	2	2	0	8	2	2	4	3
22	9	3	4	2	5	6	3	2	2	2	0	4	5
23	2	3	0	1	0	4	2	2	0	2	0	5	2
24	2	0	0	2	2	4	0	2	0	0	0	2	1
25	3	2	4	6	6	5	2	5	4	6	2	2	4
26	6	4	2	4	10	6	3	6	3	7	5	4	5
27	5	6	2	4	8	2	3	2	0	6	2	7	4
28	3	2	4	3	4	1	0	1	0	5	2	2	2
29	2	6	5	2	2	2	5	3	4	2	3	0	3
30	0	0	2	2	2	2	3	0	3	2	3	3	2
MEAN	3	3	3	3	4	3	3	3	4	3	3	3	3
PERCENTAGE OF DATA VALID - 99													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
UNITS - COHS/1000FEET X 10													
STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH DEC 70													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	2	2	3	2	8	10	6	0	5	3	4
2	2	2	1	1	8	2	0	2	2	5	2	0	2
3	3	3	9	11	7	4	0	4	2	2	5	3	4
4	1	1	2	2	0	0	0	2	3	1	2	2	1
5	1	3	2	0	****	****	****	****	****	****	****	****	****
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	****	2	2	4	7	6	7	****
31	8	6	3	3	4	1	4	2	4	4	2	6	4
MEAN	3	3	3	3	4	2	2	4	4	3	4	4	3
PERCENTAGE OF DATA VALID - 18													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	30	3	6	19
OCT	31	4	9	13
NOV	30	3	7	11
DEC	7	3	4	11
YEAR	98	3	9	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP	283	68	3	1	0	0	0	355
OCT	260	105	7	0	0	0	0	372
NOV	259	97	1	0	0	0	0	357
DEC	54	15	1	0	0	0	0	70
YEAR	856	285	12	1	0	0	0	1154

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	0.6	1.4	2.3	3.7	6.3	7.5	8.9	10.2	19	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24	****	****	****	****	****	****	9	7	7	4	0	5	****
25	0	0	0	5	3	2	4	2	0	3	0	5	2
26	3	5	1	2	2	5	2	4	3	3	3	2	3
27	5	2	2	0	4	3	8	1	3	2	3	3	3
28	0	3	0	0	2	2	2	0	4	6	9	10	3
MEAN	2	3	1	2	3	3	5	3	3	4	3	5	3

PERCENTAGE OF DATA VALID - 16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	6	8	0	7	4	1	15	5	6	5	4	6
2	5	11	9	5	3	9	5	6	2	2	0	7	5
3	5	5	9	0	4	9	5	5	5	4	6	8	5
4	7	5	9	8	6	8	11	9	4	5	0	1	6
5	2	3	2	2	1	2	2	0	1	5	4	2	2
6	1	1	5	5	3	4	0	1	4	2	7	3	3
7	5	4	7	5	7	5	7	2	3	3	0	3	4
8	2	4	1	0	4	0	3	2	0	0	3	2	3
9	1	9	11	4	3	2	0	0	2	2	2	2	3
10	4	2	2	0	2	0	2	****	0	3	0	2	2
11	3	0	5	2	2	6	2	2	2	5	0	5	3
12	2	2	3	2	2	4	0	0	0	3	3	2	2
13	0	2	1	3	0	2	3	0	10	10	7	2	3
14	9	3	2	0	2	0	0	8	0	****	11	2	4
15	5	13	2	2	2	3	0	1	3	3	3	3	3
16	2	2	5	0	5	2	2	3	4	3	7	0	3
17	2	9	2	0	5	2	4	6	8	11	8	16	6
18	7	5	12	6	7	5	2	3	10	5	2	8	6
19	6	8	3	7	5	5	5	11	8	11	13	3	7
20	2	7	2	2	9	2	4	2	2	3	2	0	3
21	2	3	1	1	0	5	2	3	3	3	4	6	3
22	2	6	9	4	7	2	6	14	6	5	2	3	6
23	1	4	25	0	3	6	1	2	3	8	3	2	5
24	****	****	****	2	2	3	7	2	1	3	5	5	3
25	4	2	0	0	0	2	0	0	5	8	2	4	3
26	1	5	0	0	7	0	2	2	0	2	2	2	2
27	2	0	0	0	2	6	2	0	6	4	5	3	3
28	2	3	3	3	2	2	3	0	1	2	3	3	2
29	1	7	0	3	1	0	0	0	2	1	2	2	2
30	5	3	7	9	0	7	2	2	3	4	4	5	4
31	5	2	9	7	1	2	2	0	3	4	7	8	4
MEAN	3	5	5	3	3	4	3	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	9	9	7	2	3	3	2	9	6	6	4	6
2	3	2	7	0	7	7	2	2	0	2	2	0	3
3	3	3	0	0	2	2	2	3	5	7	3	0	3
4	4	2	3	1	0	0	3	0	0	2	4	1	2
5	5	1	3	0	2	3	3	3	3	0	1	2	2
6	1	1	0	8	5	3	3	4	4	5	4	2	4
7	2	2	0	1	4	0	7	4	3	2	6	2	3
8	5	5	9	1	4	3	3	4	4	2	3	4	4
9	5	7	1	2	0	3	0	2	0	0	0	0	2
10	0	0	2	2	0	0	1	2	2	2	0	2	1
11	7	0	0	2	0	0	2	1	3	0	3	8	2
12	7	5	4	3	3	0	0	2	7	2	4	4	3
13	3	2	8	5	7	0	4	2	3	1	3	5	4
14	5	8	3	7	2	2	7	5	5	9	1	0	5
15	****	****	****	****	****	5	3	0	0	11	7	15	****
16	11	13	19	0	3	6	2	2	7	3	12	5	7
17	10	9	9	5	4	1	0	0	0	3	2	2	4
18	0	0	0	3	2	2	1	2	2	3	0	2	1
19	5	4	5	0	0	2	0	2	0	5	2	0	2
20	2	0	0	0	0	6	2	3	0	2	2	3	2
21	4	3	4	0	1	5	17	11	14	8	1	3	6
22	6	6	0	4	0	2	7	5	0	1	0	6	3
23	3	5	2	8	5	2	2	0	0	0	7	3	3
24	7	3	2	0	2	****	2	2	6	4	1	0	3
25	4	5	5	4	2	4	6	2	2	0	0	1	3
26	4	4	3	4	2	0	2	1	0	11	3	8	4
27	9	1	5	5	0	2	9	7	6	4	0	0	4
28	7	3	11	8	6	5	0	9	9	7	7	9	7
29	7	6	2	2	5	8	5	8	7	2	9	4	5
30	2	11	13	8	1	5	6	0	10	5	9	4	6
MEAN	5	4	4	3	2	3	4	3	4	4	3	3	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	7	3	0	2	6	8	4	4	2	2	4
2	0	0	3	0	5	3	2	0	2	0	2	0	1
3	0	2	4	0	0	0	4	0	3	9	3	1	2
4	7	3	0	4	3	3	3	4	2	3	0	3	3
5	2	2	2	8	2	1	0	0	2	3	2	2	2
6	2	3	0	0	0	0	2	4	2	0	0	0	1
7	2	3	6	8	3	2	2	5	2	1	9	8	4
8	5	10	11	2	2	4	3	9	4	3	4	2	5
9	2	2	5	6	3	5	3	0	3	0	3	2	3
10	5	7	0	2	0	1	0	2	2	4	8	3	3
11	6	1	0	3	2	5	3	3	0	0	5	5	3
12	2	5	4	7	5	2	0	7	0	2	11	7	4
13	0	0	5	5	5	8	9	4	0	2	0	7	4
14	6	8	5	9	1	0	1	0	2	3	2	3	4
15	2	1	4	3	2	6	9	5	2	4	3	4	3
16	2	7	4	3	3	2	0	2	0	3	4	0	3
17	1	4	2	0	3	0	5	7	0	2	1	1	2
18	0	2	3	7	0	2	2	0	2	5	0	9	3
19	7	3	4	0	0	0	3	4	2	3	3	0	2
20	0	2	0	2	3	2	2	0	0	2	0	2	1
21	3	2	1	2	3	7	2	2	7	2	4	3	3
22	2	2	0	0	5	8	4	6	0	0	1	0	2
23	1	4	3	2	2	2	2	0	0	6	5	3	3
24	5	2	2	0	3	0	7	3	0	4	4	0	2
25	2	6	3	4	3	0	0	0	2	5	3	2	2
26	6	2	0	0	0	3	1	2	8	0	0	3	1
27	0	0	5	0	0	2	0	0	0	0	0	3	1
28	3	3	7	2	0	0	3	3	3	2	2	5	3
29	8	7	3	3	2	2	4	2	8	2	2	9	4
30	2	2	3	3	3	4	5	5	2	5	0	10	4
31	2	2	5	7	4	0	2	2	2	2	2	3	3
MEAN	3	3	3	3	2	3	3	3	2	2	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	3	1	5	3	3	1	3	3	6	5	3
2	2	0	4	2	5	9	5	3	4	2	3	0	3
3	2	5	0	0	2	0	0	3	0	3	0	0	1
4	1	1	2	3	5	0	3	1	2	3	2	5	3
5	6	7	1	2	2	2	2	2	1	0	3	0	2
6	1	0	2	5	4	0	5	0	0	0	2	1	1
7	2	5	2	2	0	1	6	5	5	4	6	7	4
8	3	2	4	2	3	0	3	1	3	2	5	3	3
9	3	3	2	11	8	6	5	2	4	6	6	3	5
10	3	8	7	8	6	6	4	3	12	3	3	9	6
11	13	7	9	5	7	5	4	3	4	5	0	5	6
12	3	3	7	7	2	2	3	0	3	2	2	2	3
13	1	0	4	2	3	4	0	2	2	3	2	2	2
14	4	1	0	4	0	5	0	3	2	2	0	3	2
15	0	4	6	2	3	3	3	4	4	5	4	4	4
16	3	2	5	5	3	5	2	0	3	3	5	4	4
17	7	3	2	4	3	8	4	6	6	0	2	3	4
18	2	1	1	2	3	5	0	1	2	2	0	2	2
19	0	0	0	1	3	5	0	0	2	2	0	0	1
20	3	7	0	3	0	1	0	2	0	0	1	3	2
21	7	9	5	3	3	8	0	0	3	0	0	2	3
22	0	0	2	0	7	2	2	1	3	3	2	2	3
23	4	2	5	5	3	0	5	2	2	2	6	2	2
24	3	2	2	6	7	6	5	3	2	5	1	2	4
25	2	0	1	0	2	0	0	0	2	1	2	5	1
26	2	2	3	3	3	3	0	1	4	0	2	0	2
27	3	0	2	2	2	0	0	2	2	3	0	1	1
28	0	0	3	2	5	1	2	2	4	0	2	3	2
29	0	5	2	5	0	3	3	5	2	0	5	6	3
30	3	1	8	3	0	2	0	1	3	0	0	4	2
MEAN	3	3	3	3	3	3	2	2	3	2	2	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	5	3	0	2	5	2	2	2	2	4	3
2	3	2	0	5	6	0	0	2	2	3	0	6	2
3	0	5	2	4	2	5	2	0	2	2	9	2	3
4	0	2	3	3	2	0	2	0	5	0	2	5	3
5	0	0	1	3	2	2	6	1	2	0	2	2	2
6	2	0	3	0	5	1	3	3	3	0	2	3	2
7	4	4	1	7	3	3	3	5	3	3	3	3	2
8	0	6	1	3	2	2	3	7	3	0	0	3	3
9	2	4	2	0	4	2	2	2	5	0	4	0	3
10	4	2	5	3	0	5	3	0	2	3	0	3	3
11	3	2	3	1	2	2	3	0	2	2	2	4	2
12	5	0	5	0	0	3	2	2	2	3	4	2	2
13	7	3	9	7	2	0	1	8	2	5	4	7	5
14	2	2	5	6	1	7	3	1	6	3	4	0	3
15	5	0	2	4	4	5	2	2	1	2	0	2	2
16	3	0	9	2	0	3	0	2	1	2	0	2	2
17							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
18							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
20	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
21	0	0	0	2	0	2	0	0	0	0	5	1	1
22	8	5	2	9	5	0	0	0	3	0	2	2	3
23	2	10	6	1	6	1	2	3	2	4	0	3	3
24	2	3	2	2	3	3	5	0	3	3	2	4	3
25	1	3	3	6	4	2	5	2	5	2	2	1	3
26	4	2	2	3	3	3	2	2	2	2	2	3	2
27	2	2	0	3	2	3	0	3	2	2	2	3	2
28	5	2	2	7	5	7	0	3	2	2	2	3	2
29	4	2	8	3	5	5	3	4	2	2	5	5	4
30	3	1	3	3	3	5	1	0	1	4	2	3	2
31	0	5	0	3	5	3	0	5	2	2	2	6	3
MEAN	3	3	3	3	3	3	2	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	3	5	0	2	2	0	0	2	0	2	2
2	0	0	3	2	0	0	1	0	0	0	3	2	1
3	4	2	2	2	2	0	2	0	2	0	0	2	2
4	0	2	2	0	0	0	0	2	0	2	0	0	1
5	2	3	2	9	3	2	4	0	2	0	1	3	3
6	3	4	2	6	3	0	3	0	0	3	1	2	2
7	5	0	3	3	12	0	0	2	2	3	2	7	3
8	5	13	9	6	3	3	3	3	0	2	7	5	5
9	1	3	3	5	2	4	0	3	3	3	3	5	3
10	8	6	11	5	3	3	2	3	0	5	4	8	5
11	6	11	9	3	5	0	2	0	3	0	2	2	4
12	2	0	3	0	5	0	2	2	0	5	6	3	2
13	5	2	3	5	14	4	2	2	2	2	4	7	5
14	7	3	3	8	5	2	3	2	2	4	4	6	4
15	9	9	7	8	9	6	3	2	3	4	0	7	6
16	6	4	13	2	2	3	2	2	2	2	0	1	3
17	1	1	2	0	3	2	0	0	1	0	3	1	3
18	2	5	8	4	5	0	2	2	2	0	0	2	3
19	3	2	1	7	3	2	2	3	2	2	5	2	3
20	3	2	3	5	2	3	2	0	3	0	3	1	2
21	1	1	0	2	4	0	1	0	2	2	0	9	2
22	7	4	5	7	5	0	2	2	0	3	2	3	3
23	2	2	0	3	3	0	3	2	0	2	0	3	2
24	0	3	0	1	2	0	1	2	0	2	2	0	1
25	5	2	2	9	2	0	3	0	2	0	3	2	3
26	2	2	8	4	5	3	0	4	3	6	3	3	4
27	3	1	2	2	7	0	2	2	0	2	3	2	2
28	0	3	3	1	6	4	3	3	2	3	0	0	2
29	0	0	1	2	0	3	0	2	0	2	0	0	1
30	2	0	2	0	6	5	2	3	2	2	2	6	3
31	0	3	0	0	2	0	0	2	0	1	0	3	1
MEAN	3	3	4	4	4	2	2	2	1	2	2	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	2	2	1	0	2	0	0	2	0	5	2
2	8	3	4	12	7	2	0	3	2	3	0	2	4
3	0	7	4	6	3	2	8	2	2	1	2	0	3
4	0	2	0	0	3	0	2	1	3	0	2	2	1
5	0	2	1	2	0	0	2	0	0	2	0	2	1
6	2	0	2	3	4	0	0	0	2	1	2	3	2
7	0	5	3	3	2	2	5	3	2	1	3	2	3
8	0	2	6	4	0	3	5	4	2	2	2	2	3
9	0	0	0	0	0	3	2	2	0	2	0	2	1
10	0	4	7	2	3	2	2	0	0	2	0	2	2
11	0	2	2	2	2	2	2	****	****	****	****	****	****
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	5	2	2	3	4	6	7	5	4
18	3	6	3	3	8	7	3	3	2	2	5	2	4
19	5	0	2	4	13	2	2	1	3	0	2	2	3
20	2	7	6	6	5	5	4	3	3	3	4	3	4
21	3	7	3	1	3	2	4	3	3	4	4	6	4
22	2	5	3	3	3	2	2	2	2	1	3	0	2
23	1	1	3	2	5	5	4	2	5	3	3	6	3
24	5	3	3	2	2	6	3	4	3	4	6	3	4
25	4	0	2	9	5	2	3	3	2	6	4	4	4
26	6	2	3	4	2	2	1	2	1	0	0	0	2
27	2	1	0	0	0	2	1	0	1	1	2	3	1
28	2	3	2	3	3	3	0	2	3	2	0	4	2
29	3	0	2	7	3	2	2	2	3	2	7	2	3
30	4	3	3	4	7	1	2	0	2	1	3	0	3
MEAN	2	3	3	4	4	2	2	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	1	3	5	0	2	1	3	2	4	4	3
2	5	4	4	5	5	3	4	5	5	4	2	4	4
3	5	3	3	6	0	4	0	0	2	2	2	0	2
4	2	2	0	2	2	2	2	1	2	2	2	2	2
5	2	2	4	5	7	3	2	4	5	5	5	2	4
6	5	4	5	7	3	2	1	4	4	8	4	5	4
7	5	6	6	13	9	****	****	****	****	****	****	****	****
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20	****	****	****	****	2	9	6	2	6	3	2	3	4
21	9	6	5	6	2	6	4	7	4	3	9	7	6
22	6	3	5	7	7	6	4	3	5	6	2	5	5
23	4	3	4	7	5	3	3	6	5	9	3	2	5
24	5	3	9	6	8	3	2	5	7	6	7	2	3
25	5	2	2	2	3	2	2	3	5	4	6	4	5
26	1	0	3	6	3	8	3	4	7	9	4	2	4
27	4	5	5	4	3	4	2	4	3	7	4	2	4
28	2	2	2	2	3	3	0	0	3	2	0	1	2
29	0	2	4	2	5	0	2	2	5	0	9	7	3
30	2	0	5	0	5	0	2	2	5	0			
31	0	2	4	3	4	6	3	5	9	5	7	9	5
MEAN	4	3	4	5	4	4	3	3	5	4	4	3	4

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	6	3	5	5	5	2	2	2	2	2	4	4
2	3	0	2	3	5	0	2	****	****	****	****	****	****
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	5	3	3	4	5	3	2	2	2	2	2	4	3

PERCENTAGE OF DATA VALID - 5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	2	3	3	11	8	0	5	0	4
6	7	2	7	5	7	4	2	2	0	1	1	2	3
7	0	2	2	2	5	2	2	0	9	8	9	2	4
8	7	5	4	3	5	6	1	2	7	10	3	7	5
9	9	9	4	5	3	5	5	7	0	4	8	3	5
10	2	2	3	2	5	6	6	2	6	11	0	9	5
11	5	6	4	2	10	6	3	3	6	5	2	5	5
12	1	8	2	3	2	2	7	0	9	3	3	0	3
13	4	9	0	3	5	5	7	9	2	7	2	2	5
14	0	5	3	5	5	2	8	3	8	5	3	1	4
15	2	5	7	5	5	7	3	5	5	3	2	8	5
16	6	9	2	5	0	5	8	5	9	8	7	5	6
17	7	0	4	5	11	3	7	5	2	0	3	0	4
18	4	5	2	7	9	11	7	6	2	7	1	2	5
19	15	9	5	6	3	2	5	2	3	3	2	2	5
20	2	5	3	0	7	6	4	6	0	0	6	4	4
21	0	7	0	5	3	4	2	5	9	5	3	6	4
22	0	0	5	2	3	7	1	4	5	7	4	3	3
23	6	0	4	7	2	7	4	6	7	9	11	1	5
24	1	5	4	2	3	0	2	7	3	3	1	4	3
25	3	6	5	7	4	5	9	7	5	4	2	2	5
26	0	2	3	0	0	3	2	2	7	0	3	8	3
27	3	5	0	3	0	8	0	4	0	5	6	3	3
28	2	3	7	1	2	2	4	0	11	2	2	3	3
29	0	3	4	3	5	0	2	0	4	2	5	2	3
30	4	0	****	****	****	11	5	2	6	18	16	18	9
31	12	12	7	5	5	2	2	4	6	9	5	5	6
MEAN	4	5	4	4	4	5	4	4	5	5	4	4	4

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 362 DUNDAS ST LONDON

NO 15003

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	5	3	3	10
MAR	31	4	7	25
APR	30	3	7	19
MAY	31	3	5	11
JUN	30	3	6	13
JUL	28	3	5	10
AUG	31	3	6	14
SEP	25	3	4	13
OCT	19	4	6	13
NOV	2	3	4	7
DEC	27	4	9	18
YEAR	259	3	9	25

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 362 DUNDAS ST LONDON

NO 15003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB	41	13	0	0	0	0	0	54
MAR	245	108	12	1	1	0	0	367
APR	242	99	11	2	0	0	0	354
MAY	292	76	2	0	0	0	0	370
JUN	280	77	3	0	0	0	0	360
JUL	261	62	0	0	0	0	0	323
AUG	305	61	6	0	0	0	0	372
SEP	245	44	2	0	0	0	0	291
OCT	140	76	1	0	0	0	0	217
NOV	13	6	0	0	0	0	0	19
DEC	173	131	10	3	0	0	0	317
YEAR	2237	753	47	6	1	0	0	3044

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
75	0	0.4	1.2	2.0	3.6	6.4	7.9	9.4	10.9	25	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	0	2	3	5	2	3	8	6	4
19	4	3	6	7	9	0	4	3	1	7	3	5	4
20	1	1	5	5	5	2	5	2	0	0	3	3	3
21	0	2	2	3	2	0	2	2	0	3	6	2	2
22	4	0	2	5	3	3	2	3	2	3	0	2	2
23	3	2	2	1	3	3	1	7	2	0	1	2	2
24	2	3	1	9	1	0	2	1	3	0	2	0	2
25	3	0	5	5	1	6	3	2	5	2	3	2	3
26	5	3	2	3	1	1	2	2	2	1	2	4	2
27	3	0	5	3	2	1	0	2	0	3	3	5	2
28	3	3	4	7	2	4	5	0	0	0	0	4	3
29	0	0	0	0	1	2	0	2	5	1	2	0	1
30	3	0	4	0	3	3	5	1	0	0	2	1	2
31	3	0	2	1	3	0	0	3	1	2	3	3	2
MEAN	3	1	3	4	3	2	2	3	2	2	3	3	2

PERCENTAGE OF DATA VALID - 44

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	0	2	0	2	0	2	2	0	3	3	1
2	2	1	3	10	3	2	2	2	4	3	3	2	3
3	5	3	7	2	7	5	2	5	0	0	2	4	4
4	0	5	3	2	0	5	2	2	0	4	3	3	2
5	1	2	0	2	0	0	2	0	3	0	2	1	1
6	2	2	2	2	0	2	0	0	0	1	2	3	1
7	0	5	0	2	2	2	3	0	2	2	2	4	2
8	3	2	3	3	5	4	5	4	1	2	2	2	3
9	0	3	0	0	5	0	1	2	0	3	2	0	1
10	2	2	3	3	1	4	0	3	2	1	3	0	2
11	2	0	3	2	2	2	0	1	0	1	1	4	2
12	0	7	1	3	2	2	2	2	0	1	2	4	2
13	5	2	0	0	1	0	0	0	1	3	2	0	1
14	3	2	0	2	0	0	0	3	0	2	0	2	1
15	2	1	0	2	0	2	0	2	0	2	3	2	1
16	3	0	3	2	2	1	1	3	0	0	1	2	2
17	1	2	6	9	5	0	2	4	2	0	2	0	3
18	2	0	2	1	4	0	3	5	2	2	1	0	2
19	1	0	2	0	0	0	0	0	1	1	2	3	1
20	2	2	2	3	2	3	1	0	2	4	2	3	2
21	4	5	2	3	1	0	2	3	3	0	2	2	2
22	4	3	0	3	2	3	5	0	3	2	3	0	2
23	2	0	1	0	3	3	1	2	0	2	2	1	1
24	7	0	0	2	2	3	0	0	2	2	0	3	2
25	0	2	1	5	0	0	3	2	2	3	3	3	2
26	5	2	0	2	3	0	3	3	2	0	2	0	2
27	0	0	3	2	1	3	1	2	2	2	2	2	2
28	2	2	2	1	5	0	3	3	1	2	2	3	2
29	0	0	2	6	0	2	6	5	2	0	2	2	2
30	2	2	5	4	1	2	2	2	1	2	4	0	2
MEAN	2	2	2	3	2	2	2	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	4	0	3	3	0	4	3	2	7	4	7	3
2	2	3	5	8	5	7	3	5	1	2	2	0	4
3	2	0	2	0	2	3	2	2	2	5	1	1	2
4	3	4	2	1	2	0	3	2	3	4	2	2	2
5							- DATA MISSING -						
6	****	4	5	3	4	1	3	2	4	3	3	3	3
7		2	2	4	8	5	6	7	5	7	7	13	6
8	11	9	10	11	17	14	4	5	5	5	7	5	9
9	7	5	5	6	8	6	5	2	2	4	5	5	5
10	2	5	0	3	2	3	0	2	2	2	5	0	2
11	6	6	9	2	2	5	0	1	2	3	0	5	3
12	3	7	2	2	6	0	2	2	1	5	6	4	3
13	3	3	3	8	8	2	5	0	3	3	0	7	4
14	4	3	4	5	10	10	3	2	3	2	2	1	4
15	4	2	2	2	1	0	0	1	3	0	3	2	2
16	1	0	0	2	2	2	****	****	****	****	****	****	****
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	- DATA MISSING -						****
24	3	4	4	6	2	0	3	3	8	10	5	3	4
25	1	3	1	0	3	0	2	2	2	0	4	1	1
26	2	1	2	2	2	4	4	2	2	2	2	2	2
27	0	6	5	3	3	5	4	2	2	0	3	3	3
28	1	6	3	5	4	6	6	2	3	4	4	2	4
29	4	4	3	8	6	4	4	3	6	3	1	3	4
30	5	3	4	4	0	2	2	6	6	2	5	6	4
31	4	2	2	2	2	2	2	2	6	4	6	4	3
MEAN	3	4	3	4	4	4	3	3	3	4	3	4	3

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	1	2	2	2	1	2	2	4	4	6	6	3
2	3	4	2	3	4	1	3	2	2	0	3	4	3
3	3	3	2	3	1	1	1	4	2	0	1	2	2
4	2	1	1	3	3	3	2	1	0	1	2	1	2
5	0	2	2	1	2	2	3	4	2	3	2	2	2
6	0	2	2	6	6	4	****	****	****	****	****	****	****
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12						4	- DATA MISSING -						
13	****	****	****	****	****	2	2	2	2	2	1	0	****
14	2	3	0	6	2	2	0	0	2	1	2	0	2
15	0	0	0	2	2	2	0	2	3	5	0	2	2
16	0	1	0	2	2	5	3	5	7	5	3	2	3
17	3	3	2	6	2	2	6	4	7	13	17	13	7
18	9	9	7	6	5	2	2	5	7	4	11	6	6
19	9	6	11	8	11	3	2	7	6	4	7	9	7
20	9	7	5	7	3	5	3	4	2	3	2	2	4
21	1	2	0	1	1	1	0	0	4	2	5	5	2
22	5	5	2	8	4	4	1	2	0	2	2	1	2
23	4	0	2	1	1	2	1	1	2	1	2	1	2
24	0	2	2	2	4	2	1	2	2	1	0	1	2
25	0	1	0	5	2	4	5	3	4	4	2	0	3
26	2	4	3	5	5	5	8	5	9	3	2	4	5
27	2	4	3	5	6	5	3	1	2	2	4	5	4
28	2	2	0	0	0	****	4	2	0	2	0	2	1
29	3	2	1	4	2	8	2	6	5	2	2	2	3
30	2	0	0	2	4	0	2	2	4	11	10	6	4
MEAN	3	3	2	4	3	3	2	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	2	2	1	2	6	6	8	8	2	4	1	4
2	3	2	0	1	3	1	2	0	6	5	2	1	2
3	0	4	3	5	9	3	3	3	3	0	2	5	3
4	0	4	4	2	5	3	3	3	1	2	2	3	3
5	3	2	1	4	2	4	••••	3	4	2	2	2	2
6	0	0	0	3	2	0	3	0	3	0	2	2	1
7	2	1	3	3	3	0	2	2	6	6	5	9	4
8	5	5	4	1	3	3	2	2	5	5	6	3	4
9	4	4	3	5	5	3	7	6	5	2	2	3	4
10	2	0	2	3	3	2	2	3	6	1	0	5	2
11	7	4	0	3	2	3	3	2	5	4	3	1	3
12	1	2	2	3	3	4	1	0	2	2	1	5	2
13	2	0	2	7	3	2	4	5	••••	3	3	2	3
14	0	0	4	5	0	0	3	6	7	5	3	7	3
15	3	2	6	0	4	2	4	3	7	3	7	4	4
16	5	5	8	0	3	3	3	5	3	5	7	2	4
17	7	5	3	6	2	7	5	7	8	0	0	2	4
18	6	7	4	3	7	3	2	2	2	4	2	5	4
19	8	8	3	5	4	6	5	5	2	2	0	2	4
20	2	2	2	1	2	0	4	2	5	4	1	2	2
21	5	3	0	1	6	2	0	4	0	4	1	2	2
22	5	0	4	2	4	4	2	0	5	2	3	2	3
23	5	2	7	1	4	0	8	6	3	2	9	0	4
24	6	0	5	4	3	4	2	5	5	3	2	2	3
25	2	6	6	3	7	3	7	12	7	8	7	9	6
26	10	11	6	7	3	5	2	1	••••	5	5	5	5
27	2	3	2	0	3	1	3	0	3	6	2	4	2
28	2	0	2	3	2	5	2	5	2	2	6	0	3
29	4	1	7	4	17	3	1	3	4	5	2	0	4
30	7	0	0	3	9	2	5	0	5	6	5	8	4
31	5	7	3	5	2	3	2	2	0	4	2	5	3
MEAN	4	3	3	3	4	3	3	3	4	3	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - WATERLOO P U SUBSTATION
POLLUTANT - PARTICULATES - SOILING INDEX

NO 26001

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	14	2	4	9
SEP	30	2	4	10
OCT	24	3	9	17
NOV	24	3	7	17
DEC	31	3	6	17
YEAR	123	3	9	17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - WATERLOO P U SUBSTATION

NO 26001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG	137	27	0	0	0	0	0	164
SEP	332	28	0	0	0	0	0	360
OCT	198	72	4	1	0	0	0	275
NOV	214	55	6	1	0	0	0	276
DEC	257	109	2	1	0	0	0	369
YEAR	1138	291	12	3	0	0	0	1444

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	0.4	1.2	1.9	3.0	5.5	6.7	8.6	10.1	17	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	10	16	12	7	7	5	10	5	8	4	9	9
2	9	7	8	14	12	9	6	9	7	6	8	8	9
3	18	13	12	10	5	3	3	5	6	6	7	5	8
4	8	2	8	6	9	2	3	4	8	7	6	6	6
5	6	4	4	4	4	4	1	3	2	8	5	4	4
6	4	6	7	5	4	2	1	6	4	2	4	4	4
7	2	4	4	5	5	3	0	2	6	5	3	3	4
8	4	6	2	4	6	2	5	3	4	3	2	2	4
9	5	2	5	3	4	6	6	2	4	1	4	2	4
10	1	2	2	2	2	1	7	4	1	3	6	10	3
11	2	5	4	4	9	11	7	4	1	5	4	6	5
12	5	2	6	6	8	6	4	2	3	4	2	4	4
13	3	2	6	2	2	2	2	2	1	1	1	5	2
14	4	2	4	2	2	2	2	3	4	3	4	11	4
15	7	****	****	****	****	10	9	4	9	4	3	4	6
16	16	8	20	20	15	13	5	4	6	6	6	4	10
17	2	2	2	6	4	4	8	5	8	2	1	4	4
18	7	4	2	1	1	1	4	3	2	6	6	6	4
19	6	1	11	8	12	6	1	1	2	6	5	2	5
20	3	3	4	4	7	4	2	4	2	4	4	2	4
21	1	2	2	1	1	1	0	1	2	4	2	4	2
22	1	4	3	4	4	1	2	4	6	3	6	4	4
23	2	1	3	9	3	2	4	3	4	0	1	2	3
24	2	0	2	4	4	2	2	4	6	4	4	6	3
25	6	10	10	9	6	8	2	8	10	6	7	6	7
26	4	4	3	4	5	1	1	2	****	****	****	****	3
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	5	4	6	6	6	4	4	4	5	4	4	5	5

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	****	****	4	4	8	8	12	8	****
14	16	4	6	4	4	8	6	16	10	14	18	16	10
15	6	8	4	2	2	6	8	4	8	4	6	4	5
16	6	6	4	4	6	12	12	10	8	14	12	16	8
17	6	8	4	18	29	27	25	25	25	25	25	16	19
18	14	22	22	20	20	22	16	23	18	22	18	10	19
19	14	27	18	27	22	14	18	29	29	12	8	6	19
20	8	6	6	4	4	2	6	4	6	4	6	10	6
21	10	12	16	14	18	16	14	14	12	14	10	14	14
22	6	6	16	16	18	8	4	0	0	****	****	****	8
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31	****	****	****	****	****	8	10	10	12	14	20	16	****
MEAN	10	11	11	12	14	12	11	13	12	13	14	10	12

PERCENTAGE OF DATA VALID - 31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	25	16	14	14	16	18	10	12	12	8	12	18	15
2	14	14	18	8	8	6	2	6	0	8	6	6	8
3	4	1	****	****	****	****	****	****	****	****	****	****	****
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	****	****	10	15	35	50	29	****
MEAN	14	10	16	11	12	12	6	9	9	17	23	18	13

PERCENTAGE OF DATA VALID - 8

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	8	5	4	5	4	4	3	3	3	3	2	5
2	0	1	2	6	5	6	6	3	3	3	1	1	3
3	7	5	3	2	5	3	7	12	6	5	8	9	6
4	9	5	2	5	5	7	3	8	13	11	14	3	7
5	6	3	5	10	****	****	****	****	****	****	****	****	****
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	6	4	3	5	5	5	5	7	6	6	7	4	5

PERCENTAGE OF DATA VALID - 13

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - HUGHSON/MAIN HAMILTON NO 29001 MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12	****	****	****	****	****	5	DATA MISSING	8	3	2	2	7	****
13	10	6	5	8	7	7	4	0	4	1	3	4	5
14	5	6	9	9	7	2	4	3	5	5	4	3	5
15	5	4	3	4	5	7	4	4	4	5	3	4	4
16	6	4	3	7	5	7	2	6	1	4	5	3	4
17	2	2	2	4	3	0	0	3	1	4	3	4	2
18	3	7	2	4	11	4	11	5	0	2	2	4	5
19	9	9	3	9	9	9	3	3	8	4	4	2	6
20	9	2	7	3	5	0	2	4	4	2	0	3	3
21	4	1	3	4	7	1	2	2	0	2	2	3	3
22	8	10	2	7	7	5	4	2	6	5	0	3	5
23	5	3	2	0	2	1	0	5	1	0	5	1	3
24	0	3	2	9	2	4	2	2	11	0	5	2	3
25	4	2	3	3	4	5	2	0	2	1	2	3	3
26	3	2	3	7	5	3	2	4	4	0	3	3	3
27	6	3	2	4	4	6	12	7	8	0	6	6	5
28	9	3	2	5	5	5	5	3	7	0	1	3	4
29	6	2	0	3	4	2	2	0	0	1	5	2	2
30	4	2	0	4	5	5	2	4	0	4	2	1	3
31	2	0	4	8	4	5	0	7	2	3	2	2	3
MEAN	5	4	3	5	5	4	4	4	4	2	3	3	4

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - HUGHSON/MAIN HAMILTON NO .29001 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	2	5	5	3	1	5	0	0	1	2	2
2	1	6	3	10	6	2	1	6	1	4	0	6	4
3	0	2	2	3	5	3	6	9	5	3	2	3	4
4	1	3	1	1	3	0	2	2	1	4	1	2	2
5	1	2	4	4	0	2	4	0	2	0	0	1	2
6	2	3	1	0	1	0	0	2	2	2	2	3	2
7	2	9	12	12	3	9	5	6	5	0	6	12	7
8	5	2	0	6	11	1	5	2	3	2	1	4	4
9	3	4	3	6	8	2	4	3	7	2	3	1	4
10	5	2	2	1	0	2	3	2	4	0	0	0	2
11	1	2	2	0	3	2	1	1	4	1	2	5	2
12	0	3	2	0	1	0	3	0	2	1	2	2	1
13	0	1	0	2	1	3	2	1	2	0	2	1	1
14	2	2	1	3	0	3	1	0	3	0	1	0	1
15	0	0	0	1	1	1	0	3	1	0	2	2	1
16	2	5	7	9	3	2	2	3	0	3	0	2	3
17	2	2	1	0	1	3	3	2	2	2	5	3	1
18	0	0	1	0	0	0	2	2	0	0	0	3	2
19	1	2	0	2	2	4	0	2	2	2	2	0	1
20	3	3	0	3	1	2	5	3	2	8	2	2	3
21	3	5	3	5	3	2	2	3	2	2	5	3	3
22	2	0	2	3	4	5	3	2	8	4	2	3	3
23	1	0	****	****	****	****	****	****	****	****	****	****	****
24													
25													
26													
27													
28													
29													
30													
MEAN	2	3	2	3	3	2	3	3	3	2	2	3	2

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	9	17	12	6	0	4	6	****
31	12	1	7	14	13	2	2	0	8	2	2	2	5
MEAN	12	1	7	14	13	6	10	6	7	1	3	4	6

PERCENTAGE OF DATA VALID - 5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	6	9	10	5	6	6	5	10	18	13	7	9
2	11	9	11	15	16	5	6	14	9	11	9	9	10
3	5	4	9	11	17	11	17	6	11	11	12	15	11
4	11	8	9	26	8	13	14	9	13	6	12	6	11
5	3	2	8	4	5	2	0	3	2	2	6	2	3
6	7	1	6	2	2	2	4	2	2	6	11	11	5
7	2	3	8	7	4	3	3	2	8	11	19	6	6
8	14	21	11	8	10	15	8	5	9	3	8	12	10
9	20	7	13	27	23	8	****	10	15	5	8	6	13
10	2	0	5	4	1	7	4	2	10	3	11	8	5
11	4	2	12	10	13	16	15	10	16	13	7	8	11
12	15	8	8	4	10	4	12	4	18	9	5	3	8
13	2	2	2	6	9	6	3	9	8	7	3	2	5
14	6	3	2	6	7	10	10	11	5	5	2	3	6
15	5	2	3	3	6	2	2	5	4	0	****	0	3
16	5	4	7	2	4	2	2	4	3	3	9	4	4
17	7	4	4	9	4	5	2	0	8	12	14	17	7
18	13	20	18	6	9	6	****	8	16	14	11	6	12
19	12	11	5	15	12	10	8	8	13	12	6	12	10
20	20	14	14	17	19	4	2	2	0	2	6	2	9
21	0	2	2	2	2	5	0	5	9	14	11	5	5
22	17	8	8	2	13	3	9	7	7	1	2	2	7
23	2	2	2	6	5	3	4	3	7	8	3	10	5
24	8	5	5	3	10	****	8	6	5	3	8	3	6
25	5	5	10	9	2	4	2	3	10	7	5	5	6
26	7	9	3	10	7	9	5	7	14	8	2	8	7
27	7	4	9	7	11	8	13	7	15	12	12	9	10
28	19	9	11	7	13	8	10	11	13	3	13	6	10
29	7	2	3	6	9	7	9	5	9	4	3	5	6
30	3	5	2	2	8	3	4	7	5	17	15	14	7
MEAN	8	6	7	8	9	6	7	6	9	8	8	7	7

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	11	15	14	17	17	10	25	8	9	5	4	12
2	0	5	5	5	5	2	2	2	2	10	7	7	4
3	7	4	7	9	11	14	11	9	11	15	8	11	10
4	7	7	9	9	12	7	5	11	5	7	6	15	8
5	6	9	6	5	10	19	0	2	7	5	3	0	6
6	2	3	2	0	2	0	2	0	5	0	5	5	2
7	3	7	3	12	10	13	6	5	12	13	13	15	9
8	6	7	15	17	8	****	3	4	4	14	13	8	9
9	4	6	8	6	10	2	11	9	5	9	3	3	6
10	0	3	3	7	14	6	6	13	9	9	9	15	8
11	7	8	11	17	10	13	11	7	16	7	7	9	10
12	5	5	6	13	12	14	13	16	6	7	4	9	9
13	9	4	10	5	15	7	9	11	0	7	3	7	7
14	2	4	5	7	3	7	3	4	2	0	9	2	4
15	9	4	4	11	10	5	7	4	15	15	12	9	9
16	13	9	14	15	17	15	12	4	17	9	7	6	12
17	7	13	18	29	19	18	16	10	15	8	5	9	14
18	5	3	8	9	8	6	5	7	8	12	10	9	8
19	9	11	11	9	5	8	4	7	3	2	3	4	6
20	2	2	3	7	7	4	2	5	2	3	3	3	4
21	2	5	7	19	11	13	14	16	9	9	8	7	10
22	3	5	11	11	14	11	13	14	14	17	12	11	11
23	15	10	16	11	15	13	16	16	19	13	13	10	14
24	3	4	2	3	5	6	2	3	5	7	7	7	5
25	7	5	9	11	11	9	13	9	11	17	13	10	10
26	13	14	14	11	9	11	2	7	3	7	9	7	9
27	5	11	11	11	6	9	5	3	7	5	7	7	7
28	8	7	10	5	8	7	5	8	9	8	7	12	8
29	8	7	9	13	14	11	****	6	16	12	11	10	11
30	12	18	22	23	25	10	7	7	21	18	19	29	18
31	22	25	22	26	17	16	15	18	10	8	15	14	17
MEAN	7	8	10	11	11	10	8	9	9	9	8	9	9

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - HUGHSON/MAIN HAMILTON

NO 29001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	5	10	20
FEB		DATA MISSING		
MAR	11	12	19	29
APR	4	13	15	50
MAY	5	5	7	14
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	20	4	6	12
SEP	23	2	7	12
OCT	2	6	5	17
NOV	30	7	13	27
DEC	31	9	18	29
YEAR	152	6	19	50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - HUGHSON/MAIN HAMILTON

NO 29001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	181	106	12	5	0	0	0	304
FEB		DATA MISSING						
MAR	23	38	19	21	17	0	0	118
APR	4	10	8	5	2	1	1	31
MAY	23	25	4	0	0	0	0	52
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG	158	73	4	0	0	0	0	235
SEP	225	37	4	0	0	0	0	266
OCT	9	5	4	1	0	0	0	19
NOV	112	157	64	19	4	0	0	356
DEC	73	168	90	28	11	0	0	370
YEAR	808	619	209	79	34	1	1	1751

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT							MAX	ARITH MEAN
52	0	0.9	2.4	50	70	90	95	98	99		50	6
				4.5	7.4	13.2	16.0	20.5	24.6			

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7	****	****	****	****	****	****	****	11	9	7	11	11	****
8	8	11	5	7	5	7	6	7	8	10	7	5	7
9	7	6	9	5	9	9	11	7	12	9	5	5	8
10	5	4	0	3	2	3	3	4	5	10	11	5	5
11	9	3	5	4	7	4	2	8	8	11	9	5	6
12	4	5	5	12	11	8	6	10	11	7	6	8	9
13	5	4	4	7	5	2	2	3	6	5	5	7	5
14	3	4	4	3	3	1	5	6	2	7	7	3	4
15	6	9	9	14	9	11	12	2	1	3	6	9	8
16	9	9	15	38	38	18	14	17	18	10	10	6	17
17	10	7	5	12	12	5	5	4	3	3	2	1	6
18	1	2	2	0	3	6	2	6	3	10	11	6	4
19	13	18	11	14	15	12	7	15	9	9	9	6	12
20	10	7	6	9	9	7	7	7	9	9	5	5	8
21	6	3	4	4	3	2	0	3	6	8	7	5	4
22	2	8	4	4	5	4	3	5	7	6	5	7	5
23	9	4	5	5	7	9	3	2	4	5	5	5	5
24	10	9	9	11	7	6	7	7	5	8	7	10	8
25	13	12	13	16	9	11	6	8	9	6	9	5	10
26	10	2	2	4	3	5	4	4	7	5	15	7	6
27	6	2	7	10	0	4	12	14	10	12	4	10	8
28	10	8	14	6	16	14	18	14	10	6	2	4	10
29	8	14	12	14	10	10	6	8	6	8	1	6	9
30	8	8	4	4	4	2	8	8	12	4	4	4	6
31	12	6	6	6	6	2	4	1	6	6	8	4	6
MEAN	8	7	7	9	8	7	6	7	7	7	7	6	7

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	8	4	1	4	6	6	6	4	2	6	4	4
2	8	10	12	16	12	12	14	10	2	6	8	8	10
3	6	8	4	2	4	4	10	6	6	4	6	10	6
4	4	14	10	2	8	6	6	10	10	8	4	4	7
5	8	10	4	8	8	6	8	12	10	8	10	10	9
6	8	10	10	10	2	4	12	12	12	10	8	8	9
7	10	12	14	6	12	20	20	20	29	25	22	27	18
8	29	25	27	25	18	12	12	8	12	8	10	8	16
9	12	6	16	8	8	20	18	8	18	18	16	12	14
10	18	20	10	8	10	12	16	10	14	6	4	6	11
11	4	8	4	6	6	6	4	4	4	2	8	8	5
12	8	12	10	10	6	8	8	8	8	4	4	6	8
13	4	10	10	10	4	14	12	10	8	10	12	12	10
14	10	10	10	8	4	8	14	10	4	4	2	10	8
15	8	10	8	12	8	2	10	10	10	10	8	10	9
16	12	16	6	8	4	2	6	6	8	10	8	16	9
17	8	14	14	14	10	18	16	18	18	14	14	12	14
18	14	18	14	12	2	10	10	16	12	12	8	4	11
19	6	4	4	6	6	6	8	4	10	6	2	10	6
20	8	14	12	12	6	4	6	10	6	6	6	4	8
21	8	8	12	8	10	4	8	8	4	8	4	4	7
22	8	6	6	4	6	6	6	4	2	4	4	0	5
23	2	18	18	16	1	4	8	6	4	2	2	2	7
24	10	4	10	5	4	14	10	22	18	10	4	8	10
25	0	10	10	4	2	2	2	6	4	6	8	2	5
26	2	6	4	8	6	10	8	10	14	8	8	6	8
27	2	2	8	4	2	6	8	1	2	8	6	6	5
28	6	10	4	4	8	2	6	10	16	12	14	14	9
MEAN	8	11	10	9	6	8	10	9	10	8	8	8	9

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	18	12	10	8	8	4	8	2	6	6	6	8
2	12	10	8	8	10	4	10	1	4	6	2	4	7
3	4	4	10	8	6	8	8	10	8	6	4	8	7
4	4	10	10	10	4	6	8	16	12	12	14	12	10
5	6	6	12	6	10	2	4	4	1	2	4	4	5
6	6	4	14	8	4	4	4	4	2	4	6	1	5
7	10	8	6	6	6	10	4	4	4	1	6	1	6
8	2	2	8	4	1	2	29	12	8	6	4	2	7
9	8	12	10	10	4	0	4	6	2	4	2	8	6
10	4	1	12	10	6	6	4	4	6	8	4	2	6
11	8	2	8	6	6	2	6	2	10	6	6	8	6
12	10	8	10	6	10	12	16	12	4	6	4	2	8
13	8	8	18	8	4	2	6	2	6	10	6	2	7
14	4	8	2	2	6	4	4	8	8	4	10	8	6
15	8	2	4	2	1	6	4	4	4	4	6	4	4
16	4	1	2	1	4	4	4	2	8	6	4	4	4
17	14	12	1	1	2	6	6	8	18	10	8	18	9
18	8	8	10	10	6	4	10	10	8	12	8	8	9
19	6	12	4	6	4	4	6	12	1	6	4	2	6
20	8	8	12	8	4	4	6	2	6	4	1	4	6
21	6	6	6	1	1	6	4	10	12	10	6	12	7
22	12	10	6	4	4	4	1	1	1	6	0	4	4
23	8	6	1	2	1	4	2	4	4	6	4	4	4
24	6	6	2	2	4	6	8	6	2	6	6	10	5
25	4	4	1	4	1	2	6	12	12	4	1	4	5
26	0	6	6	10	4	0	4	2	4	6	2	4	4
27	4	4	2	1	1	6	4	6	2	2	0	6	3
28	8	4	6	6	4	0	4	6	6	4	1	2	4
29	4	0	1	1	4	4	0	1	4	4	4	6	3
30	4	1	2	4	4	4	2	2	2	6	8	2	3
31	8	4	4	8	****	1	4	12	12	8	10	10	7
MEAN	7	6	7	6	4	4	6	6	6	6	5	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	10	4	1	4	6	4	2	6	1	2	2	4
2	10	14	4	4	10	4	12	2	0	2	4	2	6
3	2	2	2	4	6	4	6	6	6	6	4	4	4
4	2	8	4	1	2	0	1	2	6	2	4	4	3
5	4	6	0	2	4	4	1	1	6	0	6	14	4
6	14	10	8	12	14	18	10	10	6	12	8	6	11
7	4	4	0	4	2	1	4	2	2	6	4	6	3
8	4	4	2	4	6	6	8	6	6	6	4	4	5
9	2	4	2	2	0	2	1	6	1	1	4	4	2
10	0	2	2	2	4	1	4	1	1	4	6	6	3
11	6	2	1	4	2	2	2	2	4	8	4	8	4
12	6	2	4	2	4	2	1	2	6	8	8	2	4
13	6	8	6	6	12	6	4	10	6	14	6	4	7
14	8	6	6	6	10	2	8	12	6	14	12	14	9
15	12	4	6	1	4	4	2	4	6	12	12	14	7
16	16	12	8	10	2	6	4	14	14	16	14	29	12
17	25	12	12	1	10	6	4	1	2	6	8	4	8
18	2	2	2	0	2	1	2	4	2	8	4	6	3
19	1	1	2	4	0	0	2	4	1	2	1	2	2
20	8	8	2	2	2	2	4	8	6	6	12	6	6
21	12	14	2	4	2	4	6	4	6	2	2	4	5
22	2	4	2	2	0	7	0	5	2	7	11	9	4
23	13	9	14	18	4	3	2	2	2	0	7	5	7
24	9	12	6	10	13	4	3	7	10	8	3	3	7
25	7	3	5	7	6	5	2	2	3	3	3	1	4
26	1	5	2	5	2	3	0	6	3	5	7	5	4
27	2	4	7	5	2	4	8	7	2	15	6	15	6
28	12	17	16	21	11	11	26	26	25	19	14	11	17
29	11	15	14	17	11	7	10	5	14	11	10	7	11
30	15	17	11	15	23	23	31	14	11	20	13	15	17
MEAN	7	7	5	6	6	5	6	6	6	7	7	7	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	7	5	5	5	4	0	4	3	2	1	0	3
2	1	2	2	7	0	3	1	4	2	2	2	2	2
3	0	4	5	2	2	0	0	2	7	4	0	3	4
4	2	8	7	4	6	3	5	4	7	2	0	3	4
5	5	9	3	2	3	2	3	0	5	5	4	2	4
6	0	2	4	0	0	2	0	0	6	3	2	5	2
7	4	3	11	7	0	3	2	5	3	6	2	5	4
8	5	7	8	16	23	23	16	8	11	7	12	8	12
9	8	8	12	11	3	8	6	5	9	0	5	3	7
10	7	8	9	5	7	2	2	1	2	2	3	2	4
11	0	2	3	2	3	8	5	12	9	5	0	4	4
12	7	12	5	13	5	16	13	2	9	11	3	12	9
13	13	11	7	15	8	7	9	11	8	6	14	7	10
14	7	17	7	5	8	3	5	8	3	1	2	7	6
15	4	3	6	2	9	7	5	3	3	7	7	7	5
16	9	9	6	15	3	1	3	2	3	1	3	2	5
17	3	4	3	5	7	0	3	0	3	7	5	3	4
18	5	3	5	2	0	3	0	2	2	3	2	5	3
19	0	4	6	4	3	2	3	1	3	5	2	0	3
20	4	7	5	0	5	1	1	2	3	4	8	11	4
21	2	8	10	18	15	5	11	3	9	17	12	5	10
22	0	2	5	6	2	3	2	0	0	2	0	0	2
23	3	4	3	7	0	0	11	3	7	7	9	9	5
24	9	9	5	12	2	3	0	2	2	3	1	5	5
25	4	5	16	9	19	17	11	15	2	3	1	0	8
26	2	2	4	0	2	2	3	0	3	0	0	0	5
27	2	2	6	2	2	2	1	3	4	0	2	0	2
28	2	7	8	8	2	11	3	8	0	3	11	8	3
29	9	5	4	4	4	7	2	12	12	4	6	5	6
30	4	9	15	6	1	3	2	5	2	2	5	3	5
31	2	2	2	2	6	2	2	2	1	2	3	2	2
MEAN	4	6	6	6	5	5	4	4	4	4	4	4	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	4	2	4	4	2	2	3	2	2	4	3
2	2	4	5	2	4	4	2	4	4	0	0	1	3
3	3	6	2	8	3	3	2	6	7	0	0	4	4
4	7	2	6	12	6	5	3	2	2	4	6	8	5
5	5	2	4	8	2	2	0	3	2	4	2	3	4
6	2	2	2	3	2	4	9	0	0	0	2	3	2
7	5	3	2	5	0	5	4	7	4	4	3	3	4
8	3	1	4	7	7	4	4	4	3	1	2	2	4
9	1	4	2	2	3	4	5	0	2	4	5	3	3
10	5	5	4	9	2	4	3	4	5	3	4	2	4
11	6	2	7	5	7	2	3	2	4	7	7	8	5
12	5	2	3	4	7	5	4	1	2	2	6	10	4
13	3	2	2	5	0	2	3	1	0	0	2	4	2
14	5	8	5	1	3	0	0	0	5	7	2	9	4
15	3	2	1	10	7	0	0	0	5	7	2	9	4
16							DATA MISSING		DATA MISSING				
17							DATA MISSING		DATA MISSING				
18							DATA MISSING		DATA MISSING				
19							DATA MISSING		DATA MISSING				
20							DATA MISSING		DATA MISSING				
21							DATA MISSING		DATA MISSING				
22							DATA MISSING		DATA MISSING				
23							DATA MISSING		DATA MISSING				
24							DATA MISSING		DATA MISSING				
25							DATA MISSING		DATA MISSING				
26							DATA MISSING		DATA MISSING				
27							DATA MISSING		DATA MISSING				
28							DATA MISSING		DATA MISSING				
29							DATA MISSING		DATA MISSING				
30							DATA MISSING		DATA MISSING				
MEAN	4	3	4	6	4	3	3	3	3	3	3	5	4

PERCENTAGE OF DATA VALID - 48

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19	****	****	****	****	****	****	0	0	2	3	2	3	****
20	2	2	3	11	3	0	3	3	4	3	8	5	4
21	2	3	2	0	2	3	4	2	5	6	3	4	3
22	8	2	2	5	4	2	4	2	2	5	5	0	3
23	2	1	1	1	6	2	5	2	3	4	1	0	2
24	4	1	4	0	2	2	1	3	1	3	3	3	2
25	2	2	2	0	2	3	0	0	1	1	1	0	1
26	2	0	1	2	1	3	2	2	2	4	0	2	2
27	1	4	1	6	3	2	1	1	2	0	4	2	2
28	2	3	4	0	3	3	0	4	1	4	7	5	3
29	3	2	0	0	2	0	2	0	3	0	4	0	1
30	2	0	0	2	3	2	3	4	4	2	2	1	2
31	2	0	0	2	0	3	4	1	2	7	3	2	2
MEAN	3	2	2	2	3	2	2	2	3	3	3	2	2

PERCENTAGE OF DATA VALID - 40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	1	1	3	0	2	1	2	1	7	4	2
2	2	2	0	4	5	4	****	****	****	****	****	****	****
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9	****	****	****	****	****	****	****	2	3	2	4	2	****
10	2	0	1	2	3	0	5	1	3	3	1	1	2
11	0	1	3	8	4	5	5	4	4	3	0	2	3
12	3	1	3	0	2	2	2	2	2	1	4	1	2
13	1	1	0	0	6	2	2	3	0	2	3	1	2
14	2	3	3	0	2	3	3	0	1	1	0	0	2
15	2	1	3	1	0	1	1	1	0	0	2	2	1
16	2	3	2	0	2	2	1	2	2	0	3	0	2
17	2	2	2	3	1	0	****	4	5	3	2	4	3
18	7	5	5	4	2	2	0	6	6	4	3	2	4
19	2	3	3	6	2	4	4	2	4	3	1	6	3
20	7	2	5	4	3	0	0	2	1	1	2	0	2
21	2	1	1	1	0	0	1	2	5	1	4	4	2
22	8	3	0	4	3	1	0	3	0	0	3	3	2
23	1	2	0	0	0	0	1	1	0	2	2	1	1
24	0	1	1	2	4	0	2	3	8	3	2	2	2
25	0	2	2	2	2	2	4	7	4	2	6	1	3
26	4	1	4	0	3	2	6	6	3	4	0	1	3
27	3	3	3	7	8	6	7	8	2	5	6	2	5
28	4	2	2	2	6	3	2	3	1	2	2	2	3
29	0	1	2	4	2	6	5	3	1	1	0	2	2
30	2	2	5	5	0	0	2	6	11	6	6	2	4
MEAN	3	2	2	3	3	2	3	3	3	2	3	2	2

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	6	6	4	3	13	5	2	3	5	1	5
2	2	5	2	2	1	1	1	0	2	3	3	2	2
3	3	0	8	4	3	4	2	2	3	4	4	3	3
4	8	4	3	1	2	0	3	5	3	5	3	4	3
5	3	2	4	2	4	2	4	4	3	3	3	0	3
6	2	2	2	1	2	1	1	1	2	1	1	0	1
7	3	2	3	0	2	****	****	****	****	****	****	****	****
8	****	****	****	****	****	0	5	2	8	3	3	2	****
9	3	1	2	5	4	2	2	3	5	3	0	2	3
10	3	2	1	5	3	2	2	2	2	2	2	2	2
11	4	2	3	2	4	4	3	2	3	4	5	1	3
12	4	5	1	6	3	3	4	6	4	0	5	5	4
13	3	5	3	3	7	2	2	4	3	2	2	5	4
14	1	3	2	7	5	3	3	5	7	2	5	5	4
15	3	2	2	4	1	1	3	3	7	2	3	7	4
16	4	5	5	5	4	2	3	6	5	2	5	2	4
17	3	0	0	2	4	4	3	4	12	3	1	2	3
18	3	2	2	5	3	3	5	9	7	5	5	5	5
19	8	5	4	6	3	2	4	0	1	4	1	3	3
20	0	3	2	1	3	3	2	1	1	2	3	0	2
21	3	2	3	3	3	5	2	3	7	2	2	1	3
22	4	1	0	3	4	1	8	3	4	3	4	2	3
23	3	3	6	2	4	1	4	7	7	3	3	4	4
24	2	1	2	2	2	5	3	3	3	1	2	3	2
25	3	3	2	4	5	4	4	4	5	3	11	8	5
26	3	4	6	5	7	3	0	2	2	1	3	5	3
27	2	4	2	4	5	3	2	2	2	6	2	2	3
28	3	4	3	9	2	2	2	3	3	4	4	2	3
29	3	4	7	7	3	5	****	3	4	4	6	4	5
30	2	6	5	11	16	6	4	8	4	9	10	11	8
31	8	12	13	3	4	2	5	6	2	1	4	4	5
MEAN	3	3	3	4	4	3	3	4	4	3	4	3	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCOTT PARK HAMILTON

NO 29004

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	7	17	38
FEB	28	9	18	29
MAR	31	6	10	29
APR	30	6	17	31
MAY	31	5	12	23
JUN	15	4	5	12
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	13	2	4	11
NOV	24	2	5	11
DEC	31	3	8	16
YEAR	228	5	18	38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - SCOTT PARK HAMILTON

NO 29004

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	80	162	42	7	0	2	0	293
FEB	84	168	48	27	9	0	0	336
MAR	185	153	26	6	1	0	0	371
APR	182	108	51	10	8	1	0	360
MAY	209	122	30	9	2	0	0	372
JUN	126	47	1	0	0	0	0	174
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP		DATA MISSING						
OCT	136	13	1	0	0	0	0	150
NOV	235	38	1	0	0	0	0	274
DEC	273	78	7	1	0	0	0	359
YEAR	1510	889	207	60	20	3	0	2689

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.8	1.9	3.6	5.8	10.5	13.2	17.0	19.4	38	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - NORTH PARK HAMILTON				NO 29008		MONTH JAN 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	3	2	2	2	5	4	3	0	2
2	0	5	0	2	6	9	6	1	2	5	7	8	4
3	3	5	6	5	4	5	4	2	2	7	8	2	4
4	6	5	6	5	4	2	5	4	7	7	8	9	6
5	6	5	6	12	10	10	3	3	7	7	4	6	7
6	9	8	10	13	8	4	5	4	6	5	6	9	7
7	3	7	7	11	9	3	4	3	4	7	11	4	6
8	9	9	7	6	9	7	5	10	9	8	8	9	8
9	8	6	8	8	10	9	5	6	9	6	9	9	8
10	3	2	0	0	1	2	0	3	2	0	0	2	1
11	7	6	6	2	2	2	5	2	2	2	8	5	4
12	4	2	3	6	7	8	3	4	8	11	6	4	6
13	4	8	5	10	7	2	2	3	5	1	2	1	4
14	2	1	2	0	7	4	4	2	6	3	1	3	3
15	2	2	2	2	5	10	6	2	0	0	3	2	3
16	6	12	7	7	15	16	10	11	9	8	5	8	10
17	4	1	2	2	2	2	1	0	1	2	0	2	2
18	3	1	0	2	0	0	2	1	2	4	2	2	2
19	4	6	5	5	5	12	7	3	3	1	3	5	5
20	2	5	2	9	6	7	3	5	7	3	3	0	4
21	4	2	3	1	7	2	5	0	1	2	3	3	3
22	2	3	5	3	9	6	8	0	5	3	5	6	5
23	4	4	4	11	11	6	6	7	1	0	3	11	6
24	8	6	3	5	8	9	9	4	4	3	8	13	7
25	5	12	3	8	5	4	4	6	2	10	6	2	6
26	2	3	5	5	10	3	3	1	9	9	4	11	5
27	9	9	9	14	11	9	15	15	12	5	6	5	10
28	9	5	8	8	3	6	5	2	3	10	9	14	7
29	14	10	7	16	15	14	13	10	10	4	2	4	10
30	2	6	6	7	7	3	6	3	3	8	12	12	6
31	13	4	7	7	13	10	2	6	2	3	3	3	6
MEAN	5	5	5	6	7	6	5	4	5	5	5	6	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON					NO 29008		MONTH FEB 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	6	4	2	4	5	4	10	8	11	10	6
2	1	9	10	10	4	2	3	12	9	1	2	1	5
3	3	4	3	5	3	5	4	3	7	2	3	1	4
4	3	2	5	2	7	5	5	5	5	5	5	9	5
5	5	7	11	14	10	11	10	13	5	6	10	10	9
6	11	9	11	14	16	10	9	9	9	8	12	8	11
7	5	8	12	8	8	7	10	14	9	10	12	8	9
8	9	10	10	7	9	7	9	8	9	3	3	8	8
9	6	3	0	2	3	2	2	4	4	11	5	8	4
10	9	7	7	10	4	4	4	6	13	8	8	6	7
11	3	3	3	1	3	0	0	5	3	1	2	2	2
12	4	2	4	4	6	5	2	3	3	5	4	8	4
13	6	2	4	10	11	8	3	4	3	7	10	10	7
14	9	9	12	12	4	3	4	5	2	2	4	2	6
15	4	5	6	1	1	2	2	2	1	2	1	3	3
16	8	12	9	10	2	8	10	4	4	7	11	14	8
17	9	9	12	19	14	14	10	11	16	19	18	14	14
18	16	15	13	17	14	10	10	12	8	16	13	8	13
19	9	1	0	4	4	3	4	3	2	3	6	4	4
20	10	8	9	8	4	4	3	3	5	11	3	8	6
21	3	6	8	5	5	2	9	2	4	3	1	3	4
22	12	11	4	6	10	4	2	2	2	1	0	0	5
23	1	2	0	3	2	2	2	10	4	6	2	7	3
24	5	2	8	8	10	9	9	8	11	9	8	4	8
25	1	2	1	3	4	3	2	4	4	5	4	3	3
26	3	11	8	14	9	4	6	8	5	6	9	5	7
27	11	6	5	9	5	12	7	8	5	6	12	9	8
28	9	2	6	4	4	2	0	3	4	3	3	5	4
MEAN	6	6	7	8	6	5	5	6	6	6	7	7	

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	4	4	5	3	2	2	2	2	0	1	2
2	4	3	2	4	4	3	0	0	0	1	1	4	2
3	0	0	0	2	2	0	0	1	3	0	0	2	1
4	0	2	0	2	3	3	6	5	5	6	8	12	4
5	7	4	4	10	6	5	0	2	2	3	0	2	4
6	5	3	2	1	2	3	7	12	8	12	14	14	7
7	12	10	10	4	10	8	6	6	1	2	4	2	6
8	1	4	2	0	1	2	4	0	4	2	6	6	3
9	8	8	2	4	6	8	2	4	6	4	4	4	5
10	6	6	4	4	4	2	1	4	2	12	12	2	5
11	12	12	4	2	4	6	6	6	6	14	8	2	7
12	6	6	4	2	2	1	6	2	0	4	2	2	3
13	6	6	4	1	4	4	2	2	1	4	4	4	4
14	0	2	2	2	1	2	6	1	0	1	4	6	3
15	0	4	4	1	2	6	1	1	0	4	4	1	2
16	2	6	4	4	4	1	1	2	8	2	2	10	4
17	8	6	12	4	8	6	4	6	14	12	6	2	7
18	4	4	4	4	2	4	2	4	1	1	4	4	3
19	2	4	2	2	8	6	2	4	4	8	4	4	4
20	1	2	1	2	10	8	8	6	6	10	6	4	5
21	10	6	2	2	2	4	2	1	2	4	4	4	4
22	4	1	1	4	1	0	1	1	4	2	4	1	2
23	2	8	6	8	4	2	2	0	4	12	12	14	6
24	8	12	12	8	2	8	8	4	12	14	14	6	9
25	16	14	10	8	6	6	2	1	2	2	1	0	6
26	1	4	2	2	6	8	8	8	8	10	6	6	6
27	4	2	1	2	4	4	2	10	4	6	10	10	5
28	8	12	4	4	2	1	2	1	2	2	1	2	3
29	0	1	1	2	1	4	1	6	1	4	4	6	3
30	1	4	1	2	2	4	1	0	1	0	4	6	2
31	2	2	2	2	1	2	2	6	2	8	8	2	3
MEAN	5	5	4	3	4	4	3	4	4	5	5	5	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	4	1	4	0	1	0	4	6	0	6	3
2	8	6	4	2	6	14	12	2	1	8	2	4	6
3	6	4	4	8	2	1	0	2	1	8	2	0	3
4	4	8	6	0	1	2	1	2	1	4	6	4	3
5	6	4	1	1	2	2	4	2	4	2	2	4	3
6	6	10	2	2	6	0	2	2	10	18	6	6	6
7	6	18	4	2	4	4	8	2	2	14	10	14	8
8	10	14	16	10	8	6	10	12	16	12	14	8	11
9	10	16	14	2	1	4	4	6	2	1	4	2	6
10	2	4	2	6	6	2	4	1	4	4	0	4	3
11	4	1	2	1	2	2	0	1	2	1	4	0	2
12	2	4	0	4	2	2	1	0	4	2	1	1	2
13	1	2	2	2	2	1	2	2	1	0	1	1	1
14	2	1	1	0	2	1	6	2	6	12	8	6	4
15	0	2	0	4	2	0	1	2	6	2	2	6	2
16	10	4	8	6	2	0	1	1	1	1	4	6	4
17	18	29	16	12	14	16	4	4	2	0	4	2	10
18	4	6	6	2	1	1	2	4	1	2	2	2	1
19	1	4	1	1	1	0	2	4	0	1	2	4	6
20	1	1	8	10	4	4	4	8	8	14	4	4	3
21	2	4	8	12	8	6	8	10	10	8	6	10	8
22	16	16	8	1	6	4	0	2	2	4	4	2	5
23	2	1	6	8	8	8	8	12	16	12	6	16	9
24	4	6	2	6	6	10	4	12	12	12	10	8	8
25	12	8	4	4	8	2	8	16	2	2	10	12	7
26	1	4	4	4	8	10	16	10	6	16	16	10	9
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	6	7	5	4	4	4	4	5	5	6	5	5	5

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5	****	****	****	****	****	5	1	2	0	8	10	3	****
6	3	5	9	2	4	2	2	0	1	9	3	3	4
7	4	10	3	4	5	3	0	2	2	2	5	3	4
8	6	1	2	2	4	0	3	2	0	3	0	2	2
9	2	6	1	0	1	1	1	0	2	0	2	2	2
10	1	0	3	3	1	0	4	1	3	3	3	5	2
11	9	14	13	6	4	7	2	3	3	6	4	4	6
12	2	8	9	5	5	2	5	6	5	6	8	3	5
13	9	7	13	12	4	2	4	3	10	10	3	8	7
14	11	11	18	15	11	10	8	10	11	11	6	20	12
15	7	13	8	7	8	4	3	6	4	9	4	3	6
16	11	12	14	3	6	2	2	7	3	7	1	7	6
17	2	****	****	****	****	6	5	7	3	7	1	1	4
18	2	2	2	0	1	0	0	0	0	2	0	2	1
19	3	1	5	2	2	9	0	1	8	7	8	5	4
20	2	8	16	7	7	9	4	8	3	7	2	4	6
21	0	5	5	8	6	4	5	4	1	0	0	2	3
22	0	1	2	0	1	0	2	0	2	0	2	1	1
23	0	1	2	0	2	3	1	1	2	2	2	1	1
24	2	4	9	2	2	0	0	2	6	3	6	3	3
25	3	2	5	5	4	8	7	5	4	10	5	5	5
26	3	10	12	11	3	7	5	8	7	5	0	0	6
27	1	0	3	0	0	0	1	2	0	0	1	12	2
28	5	9	9	7	8	5	3	7	2	2	3	0	5
29	2	2	1	0	2	1	0	3	0	0	2	2	1
30	0	1	2	0	1	2	3	2	6	1	3	1	2
31	2	9	2	5	3	3	5	2	2	2	3	4	4
MEAN	4	6	7	4	4	4	3	3	3	5	3	4	4

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	6	6	3	5	7	2	5	5	3	4	9	5
2	11	10	20	8	3	0	0	6	5	2	0	0	5
3	4	1	13	9	5	14	8	7	12	9	11	6	8
4	6	3	13	7	2	****	****	****	****	****	****	****	****
5													
6													
7													
8													
9	****	****	****	****	****	7	2	2	5	7	9	3	****
10	4	3	13	15	18	13	11	4	2	6	5	9	9
11	5	3	4	12	7	13	7	5	10	7	12	5	8
12	9	7	4	3	1	0	2	4	4	7	7	5	4
13	7	7	9	5	3	2	0	0	0	2	0	0	3
14	0	0	2	0	2	1	0	0	2	0	2	0	1
15	2	0	1	1	0	1	0	2	1	0	2	7	1
16	15	15	14	6	9	8	7	8	8	2	9	4	9
17	3	12	5	7	3	1	0	3	0	2	0	3	3
18	2	5	2	0	2	0	1	4	11	9	6	5	4
19	3	2	2	4	5	3	3	2	2	2	7	2	3
20	6	4	7	6	4	0	2	1	2	5	3	3	4
21	5	3	8	17	15	17	14	11	9	15	12	13	12
22	13	13	19	13	15	10	11	11	7	7	11	11	11
23	5	3	9	6	2	2	0	0	2	2	2	0	3
24	0	2	1	0	3	2	0	0	13	14	10	9	6
25	11	3	13	15	13	9	10	9	13	14	1	6	8
26	7	3	5	2	2	7	7	6	2	2	0	0	4
27	0	0	1	2	0	2	1	2	2	6	4	5	2
28	5	2	7	15	9	4	9	11	6	4	3	2	6
29	5	2	3	4	5	5	11	3	9	9	5	9	6
30	11	5	5	9	7	8	12	5	0	5	0	0	6
MEAN	6	5	7	7	6	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 83

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	7	7	11	12	2	2	5	12	3	13	7
2	7	11	14	17	9	11	19	13	16	19	9	9	13
3	14	11	13	7	6	4	5	0	3	6	4	5	7
4	7	4	5	9	2	0	3	0	2	1	10	7	4
5	5	4	11	19	13	6	7	11	3	2	2	4	7
6	2	13	13	13	6	9	15	14	11	10	9	12	11
7	7	13	15	9	5	3	6	7	8	12	9	14	9
8	14	13	10	13	11	8	6	7	3	7	2	6	8
9	8	7	5	7	12	6	3	0	3	5	2	3	5
10	0	5	8	5	5	5	3	4	2	3	0	1	3
11	3	2	1	2	0	0	1	0	0	2	5	0	1
12	0	2	0	7	5	7	7	5	3	2	3	6	4
13	0	5	4	2	5	0	5	0	2	2	7	6	3
14	10	2	5	2	13	11	9	11	5	7	7	2	7
15	2	3	3	11	4	0	1	1	0	5	2	4	3
16	1	5	3	6	2	5	3	3	9	3	3	2	4
17	9	2	3	7	7	5	7	3	2	11	18	14	7
18	6	8	11	9	14	3	5	2	0	2	3	0	5
19	0	2	2	3	0	0	2	0	0	3	0	0	1
20	0	2	7	3	5	6	7	6	3	7	0	2	4
21	2	2	2	3	5	3	3	4	3	6	7	9	4
22	2	2	0	5	0	3	1	0	3	2	2	3	2
23	4	3	4	2	2	4	4	7	5	9	8	0	4
24	2	5	5	3	3	0	8	4	6	5	5	5	4
25	5	4	2	2	****	****	****	****	****	****	****	****	****
26							- DATA MISSING -						
27	1	2	3	4	****	****	****	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	5	6	7	6	5	6	4	4	6	5	5	5

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	****	****	****	14	12	9	19	11	****
7	4	8	12	6	7	2	2	0	2	2	0	4	4
8	2	2	2	3	2	0	3	0	2	0	5	4	2
9	3	7	6	9	6	6	8	9	2	6	4	4	6
10	6	6	4	9	8	9	12	8	12	13	12	11	9
11	13	14	14	22	8	3	11	22	3	2	0	4	10
12	2	4	2	4	4	2	2	1	3	7	2	8	4
13	2	1	0	2	2	2	0	3	0	4	0	2	2
14	2	1	2	2	2	2	2	2	3	3	2	3	2
15	0	2	2	0	2	0	0	0	2	2	2	1	1
16	2	11	6	12	11	12	12	9	10	7	9	8	9
17	10	12	14	10	16	11	8	****	10	9	10	10	11
18	14	8	9	7	7	6	4	0	11	6	10	8	8
19	8	10	12	17	15	15	15	11	14	15	9	8	12
20	10	8	6	5	7	8	8	13	7	****	****	****	8
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	****	6	4	8	3	6	****
24	3	3	0	7	8	****	5	3	3	9	13	13	6
25	7	7	7	11	5	12	11	9	10	11	7	9	9
26	6	9	9	17	17	13	11	10	8	6	5	15	11
27	15	12	19	19	23	18	14	13	6	3	5	3	13
28	3	4	7	1	3	5	1	0	5	0	7	0	3
29	4	2	6	3	0	3	2	7	11	11	7	2	5
30	3	0	3	7	11	8	11	10	14	8	11	17	9
MEAN	6	6	7	8	8	7	7	7	7	6	6	7	7

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	11	5	6	8	6	3	9	11	16	11	8
2	9	6	7	9	11	13	6	6	9	15	13	12	10
3	15	11	10	16	9	***	4	1	2	5	2	3	7
4	0	2	2	2	2	4	2	1	7	2	3	8	3
5	2	7	7	4	9	6	10	7	13	4	3	2	6
6	2	2	7	0	0	2	2	0	2	0	2	2	2
7	3	2	2	4	2	3	2	1	6	2	6	6	3
8	6	9	8	16	18	12	16	15	11	14	17	15	13
9	10	10	14	15	19	***	15	13	15	8	3	5	12
10	5	3	13	3	4	10	8	4	5	2	2	2	5
11	5	1	3	0	2	3	2	1	0	2	3	2	2
12	2	2	1	2	2	2	3	0	4	4	3	2	2
13	2	2	3	8	7	2	5	2	2	4	2	4	4
14	2	1	6	9	11	11	4	3	5	6	3	10	7
15	16	3	2	0	10	2	3	4	5	4	3	4	5
16	3	5	6	0	3	2	3	4	0	1	1	5	3
17	0	2	2	1	3	1	3	5	7	6	4	3	3
18	5	7	3	3	3	4	6	5	4	2	1	6	4
19	2	1	5	2	3	1	4	0	0	0	1	2	2
20	1	0	2	0	2	0	0	4	2	2	1	2	1
21	2	2	1	0	1	2	0	0	0	0	2	0	1
22	0	0	1	0	0	0	1	2	7	0	1	2	1
23	1	0	1	0	0	1	1	0	0	0	2	0	1
24	0	1	0	1	0	1	0	3	0	0	2	0	1
25	0	3	1	0	2	2	0	0	0	0	2	0	1
26	2	1	0	1	2	2	0	2	0	2	1	2	1
27	2	0	2	0	0	0	2	0	0	0	1	0	1
28	1	2	0	2	1	0	0	0	1	2	0	0	1
29	1	0	0	0	***	***	1	1	0	0	6	0	1
30	0	2	0	2	3	0	4	19	18	21	13	23	12
31	17	10	10	6	8	6	0	2	3	3	0	2	6
MEAN	4	3	4	4	5	4	5	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - NORTH PARK HAMILTON

NO 29008

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5	10	16
FEB	28	6	14	19
MAR	31	4	9	16
APR	26	5	11	29
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	27	4	12	20
SEP	26	5	12	20
OCT	26	5	13	19
NOV	23	7	13	23
DEC	31	4	13	41
YEAR	249	5	14	41

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - NORTH PARK HAMILTON

NO 29008

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	173	168	29	2	0	0	0	372
FEB	144	144	40	8	0	0	0	336
MAR	252	94	24	1	0	0	0	371
APR	192	83	21	15	1	0	0	312
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG	202	93	17	3	0	0	0	315
SEP	148	104	43	5	0	0	0	300
OCT	150	102	38	6	0	0	0	296
NOV	105	90	50	9	3	0	0	257
DEC	259	69	26	11	2	0	1	368
YEAR	1625	947	288	60	6	0	1	2927

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.6	1.6	3.5	6.1	10.8	13.0	15.3	17.1	41	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - KENILWORTH HAMILTON				NO 29009		MONTH JAN 70							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	4	4	4	7	15	8	8	12	12	10	8	12	9	
2	6	1	5	5	5	5	9	7	12	23	31	20	11	
3	4	3	7	8	9	9	17	18	12	14	9	10	10	
4	8	4	8	6	6	8	8	8	6	11	8	9	8	
5	4	8	8	4	5	10	3	6	4	5	4	3	5	
6	2	4	5	7	13	7	6	6	12	14	11	4	8	
7	4	1	3	13	13	10	17	15	17	26	26	16	13	
8	4	2	7	6	5	7	6	7	5	7	8	10	6	
9	6	6	6	10	7	6	7	2	2	3	2	6	5	
10	7	5	7	7	5	3	2	2	2	4	3	5	4	
11	2	7	6	6	6	6	3	2	3	9	3	5	5	
12	7	10	13	10	10	8	9	4	11	16	9	12	10	
13	9	10	8	2	3	4	2	3	2	6	3	2	5	
14	2	3	3	3	5	2	4	7	5	2	2	3	3	
15	6	7	6	6	6	4	11	13	13	21	23	10	11	
16	5	6	3	10	13	11	10	14	27	26	28	18	14	
17	13	11	9	9	6	6	5	6	10	11	7	6	8	
18	2	8	4	6	4	6	5	11	9	2	2	1	5	
19	1	2	15	28	11	19	18	23	14	16	19	11	15	
20	3	4	9	14	6	7	6	6	8	8	7	6	7	
21	4	6	11	7	9	8	7	7	6	7	7	4	7	
22	1	3	7	10	5	4	6	4	5	5	10	6	6	
23	9	5	1	****	****	****	****	****	****	****	****	****	****	
24							- DATA MISSING -							
25							- DATA MISSING -							
26							- DATA MISSING -							
27							- DATA MISSING -							
28							- DATA MISSING -							
29							- DATA MISSING -							
30							- DATA MISSING -							
31							- DATA MISSING -							
MEAN	5	5	7	8	8	7	8	8	9	11	10	8	8	
PERCENTAGE OF DATA VALID - 71														

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

	STATION - KENILWORTH HAMILTON				NO 29009		MONTH FEB 70							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1							- DATA MISSING -							
2	****	****	****	****	****	****	****	13	2	1	3	2	****	
3	6	7	0	3	0	1	0	0	7	3	11	4	4	
4	2	5	0	0	7	14	0	4	3	9	3	5	5	
5	4	2	8	6	5	7	0	6	3	3	7	5	5	
6	14	0	4	7	13	15	5	7	10	7	2	13	8	
7	15	6	11	10	7	7	3	7	11	13	23	28	12	
8	19	19	23	17	22	16	13	14	11	5	6	3	14	
9	13	10	6	5	15	8	4	6	6	5	16	15	9	
10	12	11	7	16	13	7	15	16	12	11	2	5	11	
11	2	2	4	5	2	5	2	0	2	2	9	4	3	
12	6	6	12	6	3	0	0	2	2	5	4	3	4	
13	2	0	4	15	5	7	0	0	2	5	13	21	6	
14	4	4	9	9	3	2	4	5	5	8	7	6	6	
15	6	9	5	3	9	12	7	2	3	0	6	7	6	
16	7	3	13	11	10	3	2	3	2	3	9	5	6	
17	11	6	5	9	9	19	11	11	13	19	14	13	12	
18	13	26	17	23	14	8	2	5	5	11	11	3	12	
19	5	11	4	3	3	2	5	7	3	2	3	0	4	
20	0	3	8	5	7	3	0	0	3	0	9	0	3	
21	7	2	2	7	3	5	8	3	10	6	2	0	5	
22	0	4	3	8	5	7	3	7	0	5	2	4	4	
23	5	3	2	4	0	0	0	5	3	4	5	2	3	
24	0	4	5	21	6	6	3	9	5	9	5	2	6	
25	3	2	7	8	5	3	7	2	4	8	2	5	5	
26	4	9	2	4	1	7	8	2	11	5	3	3	5	
27	1	9	3	0	3	5	0	5	2	2	9	6	4	
28	5	2	3	8	5	4	2	5	2	8	0	11	5	
MEAN	6	6	6	8	7	7	4	5	5	6	7	6	6	
PERCENTAGE OF DATA VALID - 94														

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	11	16	6	16	12	3	4	0	0	7	3	7	7
2	5	9	11	9	7	7	4	4	7	4	6	2	6
3	0	2	5	7	7	11	8	5	2	10	0	6	5
4	4	7	2	6	5	9	3	3	11	13	10	15	7
5	6	6	6	11	10	5	0	3	2	2	3	6	5
6	5	0	3	0	10	0	2	10	8	8	4	6	5
7	4	8	6	2	10	4	8	0	1	4	0	2	4
8	4	6	4	2	0	0	2	4	10	8	4	6	4
9	8	8	6	2	8	4	2	4	2	2	2	6	5
10	10	14	6	8	1	0	0	0	8	6	1	4	5
11	2	2	0	2	4	2	2	2	10	8	1	4	3
12	6	8	14	6	0	14	18	6	4	1	8	6	8
13	6	4	4	0	1	2	0	1	4	6	6	4	3
14	1	8	0	4	2	0	6	6	14	10	6	8	5
15	6	6	4	1	6	4	8	1	1	1	6	4	4
16	2	4	4	4	1	0	4	1	4	2	2	16	4
17	8	0	4	1	0	1	8	12	18	14	18	8	8
18	2	6	2	6	4	8	6	4	2	2	16	18	6
19	25	10	6	4	6	8	10	4	4	4	10	8	8
20	6	6	12	2	2	2	2	8	4	8	4	4	5
21	1	4	4	4	2	6	6	6	8	8	2	2	4
22	2	4	4	6	8	4	1	2	2	1	4	4	4
23	2	2	1	4	1	2	1	6	4	4	1	6	3
24	0	2	2	1	1	0	2	6	10	4	2	1	3
25	1	4	4	6	2	2	1	4	1	1	2	4	3
26	1	0	4	4	8	4	0	1	4	2	2	2	3
27	4	4	0	1	2	6	2	6	1	2	4	4	3
28	0	8	4	8	4	1	4	1	10	2	2	1	4
29	8	4	2	2	0	0	1	0	4	2	6	3	3
30	8	2	4	1*	0	1	1	2	8	8	8	12	5
31	6	6	2	10	6	4	4	4	6	4	1	12	5
MEAN	5	5	4	5	4	4	4	4	6	5	5	6	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	****	****	4	2	0	0	6	2	2	2	2
9	4	1	1	2	2	2	4	0	1	1	1	0	2
10	4	2	6	2	1	4	0	1	2	2	1	2	2
11	2	4	0	0	2	2	1	2	2	8	10	6	3
12	0	1	0	2	2	2	0	2	2	0	0	4	1
13	2	2	2	6	4	1	0	0	4	2	6	10	5
14	1	0	4	2	2	4	8	4	4	8	12	5	3
15	8	6	4	1	2	4	4	4	4	4	2	8	8
16	8	6	8	1	6	6	1	0	1	12	20	10	3
17	14	2	4	6	4	1	0	1	4	0	1	2	3
18	2	0	0	2	0	1	2	4	4	4	6	1	2
19	2	0	0	0	0	1	2	4	2	0	2	0	1
20	2	1	4	1	1	1	1	6	0	0	10	4	3
21	4	8	4	2	0	2	2	0	0	2	2	2	2
22	4	4	0	6	0	4	2	0	2	4	12	6	4
23	0	4	18	2	2	1	4	2	6	6	6	4	5
24	1	4	6	4	6	4	0	4	6	1	2	6	4
25	6	6	1	6	0	0	0	0	1	4	4	1	3
26	4	0	4	0	4	1	2	0	2	10	6	2	3
27	4	2	1	6	4	4	2	6	6	1	6	6	4
28	6	16	14	8	8	16	14	8	4	2	8	16	10
29	8	1	2	4	8	2	2	10	6	0	4	2	4
30	1	6	6	2	1	0	16	10	7	5	11	11	6
MEAN	4	4	4	3	3	3	3	3	3	3	6	5	4

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON		NO 29009					MONTH MAY 70					MEAN	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	9	6	5	3	2	2	0	6	5	2	8	0	4
2	2	4	0	2	0	4	3	0	6	0	3	0	2
3	2	2	3	2	1	0	0	0	0	3	3	6	2
4	0	5	2	1	****	****	****	****	****	****	****	****	****
5							- DATA MISSING	-					
6							- DATA MISSING	-					
7	****	****	****	****	0	5	0	2	2	0	0	2	1
8	1	5	6	7	19	19	9	6	9	9	5	5	8
9	3	5	7	11	5	3	9	6	2	4	2	3	5
10	5	4	3	10	6	0	3	5	0	0	0	3	3
11	2	3	2	3	5	3	2	5	3	2	3	0	3
12	3	0	4	5	3	0	5	0	2	3	0	3	2
13	9	15	5	9	7	9	4	2	5	3	1	2	6
14	2	2	4	0	0	3	0	3	3	2	2	1	2
15	3	3	3	5	5	2	5	2	5	6	6	2	4
16	3	11	12	5	6	2	0	0	3	0	5	0	4
17	0	7	3	3	2	4	0	4	0	1	3	1	2
18	2	0	4	0	3	2	1	1	0	1	2	5	2
19	0	4	7	2	3	0	3	0	2	4	6	0	3
20	0	0	2	0	7	9	3	0	2	1	5	2	3
21	5	3	6	5	2	4	5	2	1	7	3	5	4
22	3	3	3	4	4	4	0	0	7	1	0	1	2
23	1	0	3	5	1	2	0	2	2	0	5	7	2
24	8	2	9	3	0	3	4	5	5	1	2	2	4
25	3	4	3	7	13	6	6	2	3	2	3	2	5
26	4	1	5	2	2	0	1	1	2	2	0	2	2
27	3	0	1	0	1	4	2	5	0	0	0	5	2
28	3	2	7	4	1	3	0	0	1	2	0	0	2
29	2	0	2	2	3	2	0	0	3	2	0	2	2
30	1	8	3	0	2	2	0	2	0	0	3	5	2
31	4	5	0	0	2	5	2	0	2	2	3	2	2
MEAN	3	4	4	4	4	4	2	2	3	2	3	2	3

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON		NO 29009					MONTH JUN 70					MEAN	
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	
1	1	2	3	0	2	0	0	0	2	2	3	0	1
2	****	0	4	0	3	3	2	7	4	0	4	3	3
3	4	0	5	3	3	2	1	1	3	0	0	0	2
4	0	2	7	5	3	2	3	6	2	4	4	2	3
5	2	2	2	3	0	2	2	2	0	1	5	4	2
6	0	2	3	4	0	2	2	2	4	0	2	2	2
7	2	2	0	0	2	0	0	0	2	4	0	5	1
8	2	0	2	3	3	2	5	0	3	0	2	0	2
9	4	1	3	2	0	5	2	2	4	2	4	2	3
10	2	3	0	4	2	4	2	0	2	2	0	3	2
11	4	3	0	2	3	2	3	2	4	2	8	3	3
12	2	4	2	7	4	2	2	2	3	2	2	2	3
13	7	2	1	0	2	2	0	2	0	0	0	3	2
14	2	4	2	3	3	0	2	0	1	2	3	2	2
15	0	2	3	3	2	3	2	7	9	2	4	2	3
16	2	3	5	4	2	4	3	0	0	2	7	0	3
17	2	3	8	0	3	2	1	2	0	4	0	2	2
18	1	0	3	2	3	0	2	2	2	0	0	0	1
19	1	1	2	0	6	2	3	0	0	0	0	0	1
20	1	2	0	1	2	2	2	0	3	2	0	3	2
21	3	3	0	3	0	0	0	2	0	2	2	7	2
22	7	2	4	1	2	0	5	2	0	2	1	2	2
23	9	2	2	2	0	2	6	3	3	2	4	2	3
24	2	2	4	5	3	1	2	1	3	2	2	0	2
25	2	2	1	2	0	2	4	3	2	3	2	2	2
26	4	1	1	5	1	1	0	2	2	4	6	3	3
27	2	2	2	5	2	2	3	2	2	3	2	2	2
28	2	2	2	0	2	1	0	0	0	0	1	0	1
29	0	0	3	2	3	1	0	2	2	0	3	1	1
30	0	2	0	0	3	0	2	0	2	2	3	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	0	2	2	7	3	4	2	3	3
2	1	0	0	3	5	5	5	3	3	2	5	7	3
3	2	4	2	3	9	1	5	2	6	5	0	0	3
4	0	2	0	1	2	0	2	0	0	2	0	2	1
5	2	0	0	0	2	1	0	0	1	3	3	0	1
6	2	0	2	0	1	1	1	2	0	2	1	2	1
7	2	2	2	0	2	3	1	4	2	0	5	2	2
8	1	5	2	2	5	4	1	0	3	2	3	0	2
9	11	2	5	6	5	2	3	3	0	2	1	2	4
10	3	3	2	2	7	5	2	2	1	0	1	5	3
11	2	3	2	3	2	2	0	0	0	3	3	3	2
12	5	2	2	0	3	1	0	1	2	3	5	0	2
13	2	0	3	3	2	27	5	3	2	2	3	3	5
14	5	6	9	5	9	0	9	7	3	2	2	3	5
15	0	3	2	7	3	2	3	2	2	0	2	2	2
16	2	0	3	3	1	0	2	0	2	1	2	3	2
17	2	3	1	2	4	2	6	4	3	9	5	4	4
18	5	3	6	6	2	0	0	0	0	3	7	5	3
19	5	11	2	4	3	1	5	5	5	2	0	3	4
20	0	2	0	4	2	5	2	3	1	0	2	1	2
21	0	3	0	1	2	2	0	2	0	2	0	6	2
22	5	2	4	3	5	3	2	0	0	2	4	6	3
23	9	9	10	11	12	13	6	0	2	5	7	6	8
24	6	2	5	10	5	7	7	7	7	14	8	4	7
25	6	5	0	2	3	9	2	5	13	6	2	10	5
26	2	5	2	2	4	3	3	5	4	0	5	2	3
27	2	3	4	0	4	3	3	3	5	1	3	3	3
28	1	9	2	4	4	9	5	5	2	5	5	11	5
29	****	****	****	****	2	5	7	11	7	5	8	7	7
30	3	4	1	2	3	2	3	3	5	3	5	5	3
31	3	0	5	2	3	0	3	7	7	5	5	5	4
MEAN	3	3	3	3	4	4	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	5	0	2	2	0	2	0	1	2	2	3	2
2	0	0	2	0	1	0	2	0	0	3	1	0	1
3	3	0	3	0	2	3	0	0	3	1	0	0	2
4	0	1	4	3	7	3	1	8	0	7	0	2	3
5	6	2	2	9	13	2	4	2	3	2	3	2	4
6	2	4	6	19	8	3	0	3	0	2	3	9	5
7	5	5	6	6	8	4	3	2	2	0	2	5	6
8	12	8	7	13	8	4	3	2	2	0	2	5	3
9	8	3	5	2	0	2	2	3	2	0	5	5	3
10	3	2	5	7	7	3	5	6	3	6	2	9	5
11	9	9	8	15	11	5	1	3	3	1	4	2	6
12	2	1	3	0	6	3	0	5	2	5	2	7	3
13	7	9	6	4	9	13	5	3	2	4	8	5	5
14	5	0	7	7	11	5	2	5	4	6	4	4	5
15	5	5	11	3	9	9	7	8	3	7	4	3	6
16	5	5	3	3	7	2	1	2	4	1	2	0	4
17	1	0	6	3	1	2	2	0	0	2	0	3	2
18	5	1	8	13	7	2	0	2	0	2	0	2	4
19	2	7	7	11	6	2	0	3	1	5	0	0	4
20	6	0	6	3	2	0	0	1	0	2	4	1	2
21	5	0	2	2	3	0	0	0	3	2	7	2	2
22	10	7	11	5	1	0	0	2	1	3	2	6	4
23	4	2	2	5	5	5	0	2	0	3	5	2	3
24	0	0	2	5	9	5	3	2	0	2	1	3	3
25	2	0	2	2	2	5	2	2	0	0	5	1	2
26	2	2	3	3	7	4	8	0	3	7	3	4	4
27	3	4	23	5	2	2	3	3	2	2	2	2	3
28	3	2	5	5	3	0	3	0	0	2	5	3	2
29	1	2	2	5	1	3	2	1	0	0	5	0	2
30	2	2	1	2	0	3	2	1	0	0	5	0	2
31	0	2	3	7	2	0	2	0	0	0	2	0	2
MEAN	4	3	5	5	5	3	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - KENILWORTH HAMILTON NO 29009 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	5	2	2	0	0	0	2	3	2	2
2	5	2	4	13	1	0	0	0	3	3	0	0	3
3	3	0	2	2	2	2	5	3	4	2	1	3	2
4	2	1	0	0	0	3	0	2	3	2	0	2	1
5	6	2	2	1	2	2	0	2	2	0	0	2	2
6	2	2	0	2	2	2	0	2	0	2	0	2	1
7	2	2	7	2	0	3	2	3	0	0	9	0	3
8	0	4	3	13	5	2	5	11	2	2	8	3	5
9	5	3	3	5	3	0	3	3	0	2	2	2	3
10	2	3	2	4	2	3	0	0	0	0	9	3	2
11	2	0	0	3	0	0	0	1	1	0	3	2	1
12	3	2	2	5	3	0	2	1	2	3	7	3	3
13	4	4	2	2	3	0	0	1	5	5	2	2	3
14	1	2	0	3	1	0	3	2	2	2	0	0	1
15	2	2	0	2	2	3	3	2	4	2	5	3	2
16	3	2	3	2	2	3	3	0	2	3	1	4	4
17	7	4	3	17	4	2	3	0	2	2	4	6	6
18	4	5	3	3	4	3	6	11	4	7	10	6	6
19	4	5	3	3	4	3	2	2	2	4	0	3	3
20	5	5	6	9	5	3	3	0	5	6	4	12	5
21	12	9	5	6	2	0	1	0	2	4	6	2	4
22	2	1	5	2	3	2	4	2	3	0	2	3	2
23	2	0	1	9	3	5	6	3	2	2	2	2	3
24	0	3	1	5	2	4	3	5	2	1	2	2	3
25	3	5	8	11	0	0	0	3	2	3	15	11	5
26	3	3	4	8	7	4	3	2	3	2	2	2	4
27	1	2	2	1	2	1	2	4	2	6	6	6	3
28	2	5	2	5	1	0	2	3	5	5	4	2	3
29	2	0	3	10	6	0	2	2	1	2	3	2	3
30	3	0	6	7	6	2	0	2	3	1	0	2	3
MEAN	3	3	3	5	3	2	2	2	2	2	4	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - KENILWORTH HAMILTON NO 29009 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	7	6	3	2	3	1	3	8	5	4
2	4	14	11	12	6	4	7	3	5	5	3	4	7
3	8	7	5	1	5	5	6	0	2	1	2	1	4
4	1	0	3	1	2	1	2	3	2	1	5	6	2
5	3	6	2	8	16	7	3	3	6	6	6	14	7
6	14	9	4	4	2	5	4	5	2	4	5	4	5
7	7	6	11	12	12	9	17	16	20	24	17	17	14
8	13	9	17	23	22	19	13	14	13	13	11	10	15
9	7	9	10	21	14	7	12	9	11	11	11	5	11
10	3	3	0	2	1	3	1	6	7	7	9	7	4
11	5	8	9	5	3	3	2	2	2	3	2	3	4
12	6	5	7	7	6	7	2	6	5	7	6	5	6
13	6	1	6	5	7	5	10	5	7	5	6	11	6
14	17	19	11	19	6	7	1	0	2	2	2	2	7
15	2	2	5	3	3	1	5	3	2	3	2	5	3
16	4	2	3	10	2	6	0	6	2	2	6	6	4
17	10	8	4	5	7	4	3	5	5	5	3	2	5
18	1	7	4	5	3	5	2	2	2	3	3	2	5
19	4	7	7	9	4	5	1	5	2	2	3	12	5
20	9	10	10	22	17	11	13	9	7	8	9	2	11
21	4	2	3	3	2	1	4	3	7	1	5	11	4
22	11	8	7	7	5	2	5	5	6	7	7	7	6
23	7	4	6	9	7	4	9	7	7	6	12	8	7
24	6	8	6	3	9	5	2	5	2	10	7	12	6
25	8	3	2	5	2	6	1	3	3	2	3	1	3
26	4	1	2	3	2	4	2	2	7	2	1	1	3
27	4	9	4	11	13	7	3	4	2	3	2	3	5
28	5	4	4	15	5	5	4	3	6	4	10	14	7
29	8	8	7	9	3	3	6	7	3	6	7	3	6
30	1	2	3	3	3	5	9	10	1	2	0	9	4
31	3	2	4	9	5	2	2	0	2	4	5	6	4
MEAN	6	6	6	8	6	5	5	5	5	5	6	6	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	2	5	2	6	4	14	12	7	5
2	5	5	7	12	4	0	3	6	4	3	4	3	5
3	2	3	2	3	7	0	6	3	4	2	0	2	3
4	2	5	4	10	9	4	9	2	7	11	6	5	6
5	2	2	0	3	2	5	5	5	2	5	4	3	3
6	3	0	2	2	2	3	4	3	1	7	2	7	3
7	5	3	4	3	5	5	5	8	4	15	10	15	7
8	3	3	3	3	4	****	****	****	****	****	****	****	****
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	****	****	0	0	1	2	1	0	****
18	3	1	0	0	2	0	0	3	0	0	2	0	1
19	1	4	2	0	0	0	2	0	3	1	0	1	1
20	2	1	1	0	3	1	1	0	0	0	2	0	1
21	3	1	3	2	0	2	0	1	0	0	4	1	1
22	0	2	0	4	2	0	0	1	2	2	0	0	1
23	0	1	1	0	1	0	0	0	0	0	2	0	0
24	0	0	2	0	****	****	****	2	0	2	1	2	1
25	0	0	0	0	0	3	0	1	0	0	2	0	1
26	2	0	2	1	1	2	1	2	0	0	0	1	1
27	0	0	1	0	0	2	2	1	2	2	0	2	1
28	0	0	0	3	2	2	2	2	0	2	0	0	1
29	0	0	1	2	0	3	3	0	2	0	0	0	1
30	1	0	2	2	0	2	0	2	0	3	2	0	1
MEAN	2	2	2	3	2	2	2	2	2	3	3	2	2

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	2	0	0	2	2	2	0	2	1
2	0	1	0	0	1	1	0	1	0	1	0	0	0
3	0	2	2	0	2	****	****	1	2	2	0	4	2
4	0	1	2	0	1	0	1	0	0	1	0	1	1
5	2	1	2	2	0	1	0	0	1	0	2	0	1
6	2	3	2	1	3	0	2	0	2	0	1	0	1
7	1	2	0	2	0	0	0	0	0	2	0	1	1
8	0	0	2	2	0	1	1	0	4	0	0	2	1
9	0	0	4	0	1	1	****	0	0	0	0	2	1
10	1	0	2	0	0	2	0	0	2	0	0	0	1
11	2	1	2	1	0	2	0	1	1	0	2	1	1
12	0	2	0	2	0	3	0	0	2	1	2	2	1
13	3	0	0	2	2	3	1	1	3	2	2	2	2
14	1	0	3	0	2	0	0	0	2	0	2	0	1
15	3	2	2	4	3	0	3	2	3	2	0	2	2
16	1	2	0	2	2	1	2	0	2	2	0	3	1
17	1	2	0	2	1	3	2	2	3	1	0	2	2
18	2	0	0	2	2	1	1	0	2	2	2	2	1
19	3	1	0	2	2	0	2	0	2	0	1	0	1
20	0	0	0	0	2	0	0	2	0	1	2	0	1
21	0	2	2	0	0	2	1	1	0	0	2	0	1
22	2	2	2	2	0	0	2	2	0	3	2	1	2
23	1	1	2	0	2	2	4	1	0	2	0	3	2
24	1	2	2	2	2	1	3	1	2	2	0	3	2
25	0	0	2	2	0	2	2	0	2	2	1	3	1
26	0	2	2	1	1	0	0	1	1	0	0	1	1
27	2	1	4	1	1	1	0	1	2	3	0	0	1
28	4	1	0	1	2	1	0	1	0	2	2	0	1
29	2	0	3	2	1	0	****	2	2	1	2	1	2
30	2	1	2	2	4	0	2	2	2	2	3	2	2
31	2	2	4	2	2	2	2	1	2	1	0	2	2
MEAN	1	1	2	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - KENILWORTH HAMILTON

NO 29009

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	8	15	31
FEB	27	6	14	28
MAR	31	5	8	25
APR	23	4	10	20
MAY	29	3	8	19
JUN	30	2	3	9
JUL	31	3	8	27
AUG	31	3	6	23
SEP	30	3	6	17
OCT	31	6	15	24
NOV	22	2	7	15
DEC	31	1	2	4
YEAR	339	4	15	31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - KENILWORTH HAMILTON

NO 29009

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	73	137	34	12	10	1	0	267
FEB	137	120	42	10	8	0	0	317
MAR	225	121	17	8	1	0	0	372
APR	200	57	9	6	0	0	0	272
MAY	250	79	5	2	0	0	0	336
JUN	332	27	0	0	0	0	0	359
JUL	265	93	9	0	1	0	0	368
AUG	261	98	11	1	1	0	0	372
SEP	293	57	9	1	0	0	0	360
OCT	167	156	32	12	5	0	0	372
NOV	214	28	6	0	0	0	0	248
DEC	368	0	0	0	0	0	0	368
YEAR	2785	973	174	52	26	1	0	4011

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	0.4	1.2	2.1	4.1	8.1	10.8	14.9	18.2	31	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	10	7	14	1	4	3	7	5	3	4	2	5
2							- DATA MISSING	-					
3							- DATA MISSING	-					
4							- DATA MISSING	-					
5							- DATA MISSING	-					
6	****	****	****	****	8	6	3	4	7	6	9	12	7
7	13	12	12	28	18	14	7	9	7	3	7	8	12
8	6	10	7	7	8	9	3	4	10	8	8	9	7
9	7	6	7	8	9	8	7	7	6	8	8	8	7
10	0	0	0	2	0	4	2	2	2	2	1	3	2
11	9	8	2	7	7	8	5	5	12	12	16	8	8
12	9	14	12	13	5	1	9	10	12	10	9	6	9
13	5	6	6	17	12	3	2	2	2	1	5	2	5
14	4	7	4	5	2	0	2	1	0	5	6	2	3
15	5	2	9	9	7	2	6	10	2	6	7	13	7
16	6	4	20	20	26	21	15	10	9	9	12	6	13
17	5	5	5	9	8	3	4	2	1	2	4	2	4
18	1	1	2	0	0	2	1	1	3	5	10	10	3
19	12	11	16	11	14	4	9	4	8	7	6	10	9
20	11	4	10	16	10	9	6	5	10	5	2	4	8
21	1	1	2	2	0	2	2	7	7	8	9	2	4
22	7	2	9	10	9	10	3	9	3	9	10	6	7
23	9	4	9	9	9	11	4	3	2	3	2	9	6
24	7	7	7	9	11	5	9	9	8	11	11	14	9
25	10	11	10	9	9	9	8	9	10	18	5	2	9
26	2	5	5	6	6	7	5	3	6	8	9	10	6
27	13	14	8	10	14	7	8	13	11	9	8	9	10
28	6	7	3	11	11	8	7	6	5	8	6	9	7
29	7	8	7	13	8	8	4	5	5	2	1	3	6
30	0	1	2	4	5	2	2	3	2	3	6	8	3
31	7	5	5	7	4	6	2	2	2	3	2	4	4
MEAN	6	6	7	10	8	6	5	6	6	6	7	7	7

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	4	4	5	4	3	6	7	9	5	4
2	4	6	6	8	10	7	6	6	9	2	4	2	6
3	1	2	2	2	2	0	0	2	2	1	2	4	2
4	3	4	4	11	7	4	3	6	6	5	6	7	6
5	10	5	10	8	6	6	10	5	1	6	7	8	7
6	11	9	4	13	15	10	3	8	6	9	5	5	8
7	5	5	4	8	8	5	9	12	11	12	14	9	9
8	18	15	11	12	16	12	11	6	4	5	8	10	11
9	10	5	2	3	4	5	1	5	2	4	7	9	5
10	10	9	5	2	5	3	9	6	8	2	1	2	5
11	1	2	2	0	1	2	0	0	1	2	2	4	1
12	2	2	2	5	3	0	2	1	4	3	2	3	2
13	0	2	3	3	7	2	3	1	6	5	5	6	4
14	4	5	8	8	3	5	4	3	4	6	10	10	6
15	10	9	3	1	5	5	1	4	3	2	4	2	4
16	1	3	4	9	8	3	0	4	7	7	7	5	5
17	12	8	7	10	12	10	9	12	17	17	18	13	12
18	11	12	13	11	10	9	5	9	6	13	7	1	9
19	2	0	1	0	0	1	2	0	5	2	2	4	2
20	5	5	4	7	2	2	2	2	4	4	5	2	4
21	5	3	3	4	6	4	5	5	4	1	2	2	4
22	3	6	3	1	4	2	2	2	1	2	2	1	2
23	2	0	2	6	3	2	3	6	2	3	3	2	3
24	4	1	4	5	7	7	4	8	8	9	5	5	6
25	3	0	0	0	2	1	0	2	0	0	2	2	1
26	9	3	4	5	3	1	3	5	6	7	7	5	5
27	5	9	3	11	8	6	4	1	3	2	7	5	5
28	3	3	4	0	4	4	2	2	1	1	8	7	3
MEAN	6	5	4	6	6	4	4	5	5	5	6	5	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	11	9	9	5	4	2	3	4	1	3	3	5
2	6	4	4	5	3	7	11	9	9	15	16	16	9
3	13	12	9	6	6	8	7	4	7	9	23	16	10
4	6	10	6	4	4	4	5	5	6	6	9	10	7
5	9	2	1	1	2	2	0	1	1	1	0	0	2
6	4	0	1	4	3	7	8	6	6	4	2	10	5
7	10	8	8	2	2	4	6	2	2	0	4	10	4
8	1	2	1	4	2	2	0	2	2	2	2	1	2
9	8	4	4	1	2	4	1	1	4	0	2	6	3
10	8	10	8	1	2	1	4	4	2	2	6	2	4
11	2	12	4	2	1	6	2	10	2	10	8	6	5
12	10	10	2	4	0	0	10	1	1	2	1	2	4
13	4	18	8	2	4	4	4	2	1	1	4	6	5
14	2	4	6	4	2	1	2	1	6	6	6	8	4
15	8	2	2	0	2	2	2	2	1	2	6	0	2
16	1	4	8	0	4	4	2	4	1	4	10	8	5
17	0	6	6	4	8	8	2	8	8	12	12	16	7
18	18	10	6	4	4	8	4	6	2	6	4	10	7
19	8	4	4	6	8	18	16	12	10	8	12	12	10
20	2	16	8	6	6	8	4	20	10	1	12	10	9
21	6	6	2	8	6	4	2	1	1	6	8	6	5
22	8	1	10	2	4	8	4	12	14	8	6	12	7
23	2	1	8	6	8	4	1	6	2	6	4	6	5
24	12	12	8	2	0	10	1	12	8	10	12	16	9
25	8	10	8	4	8	2	6	14	2	8	0	8	7
26	10	6	6	6	6	8	6	4	4	2	2	2	6
27	0	0	2	2	1	2	2	6	6	12	6	8	4
28	4	14	8	8	1	2	1	0	1	4	1	1	4
29	0	0	1	2	4	8	12	4	4	4	2	2	4
30	4	8	10	16	6	6	18	8	12	12	10	8	10
31	6	6	4	6	20	16	6	2	10	10	12	10	9
MEAN	6	7	6	4	4	5	5	5	5	6	7	7	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	10	36	12	4	4	6	12	38	10	10	20	14
2	2	2	20	22	2	8	6	2	6	2	2	2	6
3	4	4	4	4	6	6	10	4	1	6	8	2	5
4	1	2	2	8	6	10	2	1	1	4	4	1	4
5	4	4	2	8	8	8	10	14	8	1	2	1	6
6	4	2	4	6	8	10	12	4	8	4	4	4	6
7	4	2	1	2	4	4	4	2	6	4	8	0	3
8	2	8	8	0	1	6	****	****	****	****	****	****	****
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	****	2	12	10	33	75	71	****
23	50	16	12	2	2	1	2	6	2	10	12	16	11
24	10	8	4	6	0	4	4	8	2	4	6	6	5
25	4	6	2	4	8	1	4	6	2	4	1	6	4
26	6	4	4	1	6	2	2	1	8	12	12	20	7
27	16	16	14	6	10	14	2	12	14	22	29	14	14
28	14	18	25	27	33	25	22	16	18	18	14	16	21
29	18	12	14	16	8	16	12	10	6	6	25	16	13
30	10	22	10	12	2	2	16	11	16	8	21	23	13
MEAN	10	9	10	9	7	8	7	8	9	9	15	14	9

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	13	8	7	6	10	3	7	7	5	4	10	2	7
2	4	2	0	2	5	2	3	4	1	0	0	2	2
3	3	2	1	5	2	0	3	2	3	0	9	0	3
4	7	13	11	10	3	8	5	5	2	7	7	2	7
5	3	5	15	10	4	7	4	2	2	0	0	3	5
6	0	1	1	3	0	1	3	0	0	0	3	4	1
7	4	2	9	8	4	0	3	4	5	7	3	5	5
8	6	9	7	11	20	23	21	33	13	5	21	8	15
9	10	9	14	13	11	2	8	26	33	3	7	3	12
10	3	2	6	8	31	14	3	0	3	5	3	5	7
11	7	7	12	11	3	7	11	14	7	7	2	3	8
12	4	6	3	6	8	2	3	9	0	3	3	3	4
13	10	8	10	9	17	16	12	17	11	3	2	5	10
14	3	4	0	0	0	0	2	9	5	15	16	2	5
15	0	2	4	0	5	3	12	27	9	2	7	8	7
16	11	17	9	15	7	5	2	3	3	3	3	5	7
17	4	11	4	5	2	4	1	1	3	2	7	8	4
18	4	3	3	2	3	5	2	0	2	3	6	0	3
19	7	7	10	11	5	5	1	5	3	2	8	7	6
20	4	8	4	0	4	9	9	8	1	2	4	6	5
21	4	0	8	7	8	13	11	9	8	15	26	6	10
22	11	8	5	10	4	5	4	2	2	10	9	6	6
23	4	8	0	4	0	5	0	4	5	5	5	7	4
24	13	12	5	4	2	0	4	3	0	0	0	3	4
25	2	2	3	4	8	15	6	5	9	4	1	9	6
26	5	4	5	2	3	0	2	4	5	3	0	4	3
27	3	0	5	3	5	5	5	7	1	2	6	2	4
28	7	9	6	4	6	11	27	16	4	5	7	4	9
29	7	0	6	2	2	2	4	2	2	3	5	3	3
30	8	8	6	9	4	1	5	4	6	4	5	5	5
31	1	3	4	7	6	2	0	1	3	7	2	5	3
MEAN	6	6	6	6	6	6	6	8	5	4	6	4	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	3	4	0	2	5	1	5	6	5	3	4
2	2	5	1	8	5	8	5	2	2	2	1	2	4
3	1	0	3	3	2	3	4	4	0	0	5	2	2
4	2	2	5	4	3	3	12	8	3	2	5	7	5
5	8	6	7	5	4	2	4	2	0	2	0	2	4
6	0	3	1	0	3	2	0	3	2	4	1	5	4
7	10	2	2	0	0	2	2	5	3	11	4	6	5
8	5	3	7	11	5	6	4	7	0	3	3	3	4
9	9	2	3	4	4	3	4	3	6	4	3	0	5
10	6	5	5	7	7	3	3	10	5	5	3	0	5
11	5	2	4	7	11	6	3	3	7	4	5	1	5
12	3	6	4	5	16	15	0	0	4	2	2	5	5
13	2	1	1	4	2	0	2	6	4	3	2	3	3
14	2	2	2	0	0	5	5	0	3	0	2	0	2
15	4	5	2	6	2	0	2	4	3	1	7	6	4
16	6	4	2	2	2	6	5	3	4	2	4	2	3
17	7	4	4	10	2	2	3	6	4	3	1	3	3
18	3	3	6	2	2	6	0	3	2	1	0	1	2
19	3	2	0	2	6	1	2	3	0	1	0	2	1
20	0	2	2	4	1	1	2	0	0	1	0	2	1
21	4	3	1	3	1	4	1	2	3	5	4	3	3
22	6	4	9	6	4	2	2	2	3	2	2	6	4
23	2	5	4	3	2	3	2	2	2	1	1	0	2
24	4	2	6	3	4	2	2	3	5	2	4	2	3
25	1	1	1	1	2	2	5	4	5	2	6	2	1
26	2	5	0	2	2	1	4	3	0	0	4	2	2
27	1	1	1	2	2	0	0	0	0	0	2	0	1
28	1	4	2	2	0	0	0	0	0	3	2	2	2
29	2	3	1	4	3	1	4	0	3	6	8	4	3
30	3	3	3	1	2	2	2	2	0	6	8	4	3
MEAN	4	3	3	4	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	3	3	1	6	2	6	1	9	0	2	3
2	2	2	0	3	0	5	7	5	3	2	3	0	3
3	2	2	4	8	11	5	4	4	4	4	5	1	5
4	2	2	2	0	0	1	0	0	1	0	2	0	1
5	1	1	2	2	1	0	2	1	1	0	1	2	1
6	1	1	2	3	0	3	2	2	2	2	6	3	2
7	2	1	0	6	5	1	0	6	3	2	1	2	2
8	1	1	2	1	2	2	3	2	3	2	4	2	2
9	0	0	3	2	4	2	3	15	17	5	0	3	5
10	3	2	1	6	4	7	5	0	4	2	2	2	3
11	2	2	3	2	5	2	2	0	5	1	2	4	3
12	3	2	2	4	2	0	2	4	0	1	4	2	2
13	2	3	2	6	13	31	7	15	6	3	3	8	8
14	4	28	13	18	10	9	10	16	13	16	18	5	13
15	8	5	9	10	5	2	8	3	4	5	2	2	5
16	3	4	0	2	1	1	6	3	2	2	3	2	2
17	2	5	6	5	4	8	11	3	2	2	6	5	6
18	9	6	4	2	3	3	6	3	7	5	5	3	5
19	2	0	0	4	2	4	2	4	3	5	2	3	3
20	2	3	3	6	13	2	1	5	5	4	10	7	5
21	2	2	1	2	1	2	2	1	4	8	4	4	3
22	5	1	2	1	8	7	7	6	5	7	9	3	5
23	2	6	4	5	6	6	4	0	1	0	0	0	3
24	6	2	2	3	2	9	2	0	1	2	12	18	5
25	10	12	11	17	5	5	5	2	8	10	7	1	8
26	0	1	7	7	0	0	0	10	17	15	5	1	5
27	0	3	5	4	7	6	8	0	2	9	5	5	5
28	3	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	12	9	9	12	14	12	12	****
30	15	3	9	5	5	3	5	12	12	3	4	3	7
31	4	5	3	6	7	2	2	2	3	7	3	7	4
MEAN	3	4	4	5	4	5	4	5	5	5	5	4	4

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	6	4	4	0	2	0	0	3	0	3	5	2
2	0	0	0	0	0	2	1	2	2	1	0	2	1
3	2	2	0	2	3	2	0	0	5	0	0	1	1
4	2	3	6	2	2	3	2	2	1	0	2	0	2
5	0	3	5	3	2	3	3	7	8	3	3	3	4
6	5	10	8	9	9	3	9	6	7	1	6	3	6
7	5	10	14	11	7	7	6	5	3	9	1	4	7
8	7	5	7	3	3	5	2	3	1	8	13	12	6
9	13	7	7	4	5	2	5	10	9	3	18	7	8
10	5	2	9	6	7	5	12	6	9	7	10	6	7
11	12	12	14	15	3	5	14	7	3	2	3	2	8
12	5	3	5	10	4	10	4	5	5	5	10	10	6
13	6	5	8	12	7	6	3	6	9	3	8	5	7
14	8	6	9	12	11	6	4	3	5	2	6	8	7
15	5	9	7	9	6	2	3	4	0	3	9	3	5
16	3	4	4	5	2	3	2	2	2	2	5	3	3
17	1	5	6	5	2	2	2	2	1	2	4	3	3
18	2	6	11	5	5	6	14	26	23	9	3	12	10
19	8	10	13	14	14	9	5	3	7	3	3	4	8
20	2	2	5	2	2	1	4	3	5	2	0	3	3
21	3	2	2	6	2	3	0	2	0	2	1	3	2
22	5	5	3	3	3	2	2	2	0	4	7	3	3
23	0	2	3	1	2	2	3	7	7	2	2	0	3
24	0	9	11	17	2	3	1	7	0	2	0	3	5
25	2	4	9	15	5	2	3	2	4	5	7	4	5
26	3	4	7	9	7	5	4	3	5	4	7	1	5
27	3	2	3	5	2	2	3	2	3	3	5	4	3
28	7	3	5	4	6	6	3	4	4	2	5	1	4
29	2	0	2	2	0	3	5	0	3	2	2	3	2
30	1	2	2	3	3	6	9	2	2	2	0	4	3
31	0	2	2	3	4	0	1	0	0	0	4	3	2
MEAN	4	5	6	7	4	4	4	4	4	3	5	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	4	5	1	5	0	2	0	0	3	4	2
2	4	7	12	19	7	4	2	5	4	3	5	5	6
3	7	3	4	7	4	5	11	8	3	5	2	3	5
4	2	5	1	4	2	3	0	5	2	0	5	4	3
5	4	2	2	2	0	4	0	0	0	4	0	2	2
6	2	1	1	4	0	2	2	2	2	2	3	2	2
7	6	2	6	3	3	1	0	0	0	2	4	1	2
8	3	2	0	2	7	2	5	8	2	4	7	7	4
9	8	2	6	3	2	3	3	5	5	0	6	4	4
10	5	7	4	5	2	2	2	3	4	7	7	4	4
11	3	3	5	10	2	3	2	3	1	5	3	3	4
12	3	4	5	5	7	2	2	2	2	3	2	3	3
13	0	3	2	2	2	2	2	0	0	2	2	2	2
14	2	2	5	2	2	4	0	0	0	0	0	0	1
15	5	0	0	3	2	2	0	2	0	8	2	5	2
16	10	6	3	0	2	0	1	0	2	0	0	7	3
17	5	9	5	19	23	23	29	28	24	19	22	11	18
18	26	29	12	11	24	17	19	12	9	9	4	5	15
19	7	2	2	3	4	3	3	0	2	2	2	3	3
20	3	3	7	7	4	2	5	2	3	2	9	7	5
21	9	9	11	12	3	6	6	4	6	2	5	5	7
22	4	3	2	5	4	4	4	5	6	1	4	2	4
23	5	3	7	9	2	2	2	2	3	5	5	3	4
24	1	3	3	1	4	3	3	9	4	5	2	4	7
25	3	2	3	15	3	3	2	3	4	11	5	7	5
26	6	4	2	4	7	3	5	4	3	0	2	1	3
27	0	2	1	3	2	3	2	0	3	3	4	3	2
28	2	2	7	7	3	4	1	0	0	1	3	1	3
29	4	5	5	9	3	2	2	1	4	3	3	3	4
30	5	5	10	12	4	2	0	2	0	1	2	2	4
MEAN	5	4	5	6	5	4	4	4	3	4	4	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	6	1	2	3	3	8	10	12	13	5
2	13	16	9	12	4	3	6	8	6	2	2	3	7
3	5	2	3	3	5	1	2	3	3	3	3	2	3
4	5	1	2	1	1	2	0	3	4	3	13	6	3
5	5	8	13	16	8	6	5	7	12	8	9	8	9
6	4	10	7	7	4	7	5	4	5	9	11	8	7
7	12	6	14	23	13	13	11	12	10	17	18	17	14
8	13	17	23	24	20	16	10	10	6	8	11	7	14
9	12	18	21	17	13	8	10	5	2	5	9	3	10
10	5	2	4	7	2	2	3	3	2	8	2	6	4
11	6	14	12	12	2	0	16	17	29	3	0	2	9
12	2	2	5	11	3	6	11	5	3	7	1	5	5
13	4	0	5	6	13	23	21	22	1	4	6	7	9
14	9	6	6	19	15	7	7	2	1	4	1	3	7
15	2	2	3	6	11	15	6	6	1	2	1	7	5
16	1	1	3	11	11	3	2	2	2	6	6	6	5
17	11	5	2	9	5	7	2	4	2	3	4	3	3
18	3	3	3	2	3	4	3	4	0	2	2	0	3
19	4	0	9	9	12	9	3	2	1	4	12	2	6
20	0	0	10	7	25	27	17	4	3	5	8	9	10
21	5	2	2	8	6	6	5	10	11	6	5	7	6
22	3	8	2	6	4	5	5	11	4	2	2	4	5
23	5	7	3	4	3	2	10	7	10	17	7	5	7
24	11	5	2	0	2	4	2	2	5	2	4	3	4
25	4	5	2	2	2	1	4	4	2	1	6	6	3
26	3	11	1	4	14	8	***	4	4	2	7	5	6
27	5	12	3	19	19	14	11	15	22	13	11	8	13
28	2	8	12	17	14	11	7	8	6	11	17	16	11
29	19	6	8	12	11	9	11	4	11	9	6	9	10
30	5	5	3	8	15	10	11	12	11	5	5	4	8
31	9	2	9	7	7	3	2	0	2	4	2	1	4
MEAN	6	6	7	10	9	8	7	7	6	6	6	6	7

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	7	6	2	3	2	4	6	4	8	7	5
2	2	10	3	6	12	6	****	3	2	5	10	5	6
3	4	7	2	4	3	7	5	4	8	5	7	2	5
4	2	1	2	3	3	4	10	2	0	6	9	4	4
5	3	3	4	6	9	4	4	2	3	2	1	6	5
6	7	4	5	5	9	4	2	2	1	4	3	3	4
7	8	5	5	9	4	0	1	1	1	1	0	4	3
8	3	11	10	12	5	5	1	3	7	2	7	7	6
9	6	5	3	10	11	8	12	****	4	5	5	3	7
10	2	3	2	3	2	6	2	4	6	5	2	4	3
11	6	7	7	7	7	6	9	5	2	2	0	2	5
12	3	0	2	2	2	0	3	2	6	2	4	5	3
13	2	2	0	1	2	1	2	2	2	0	2	3	2
14	0	2	0	2	0	0	0	2	2	2	0	5	1
15	2	2	0	2	1	2	2	2	3	2	2	0	2
16	3	4	1	6	4	4	1	4	2	2	2	0	3
17	1	2	5	3	6	5	****	2	6	6	8	11	6
18	10	12	4	6	8	4	5	2	7	5	0	3	5
19	4	4	8	9	8	5	4	5	4	5	4	9	6
20	9	6	6	8	11	2	4	4	2	2	1	2	5
21	0	0	1	0	1	0	2	4	3	4	3	6	2
22	6	5	1	4	2	0	2	2	4	0	1	2	2
23	2	2	2	2	0	1	0	2	2	2	1	2	2
24	4	2	4	2	9	2	3	2	3	3	3	8	4
25	2	3	0	1	0	2	2	0	7	4	6	3	3
26	5	3	3	2	3	2	2	0	6	2	2	5	3
27	3	7	5	10	6	3	5	9	4	2	3	0	5
28	2	2	2	8	4	2	2	2	3	4	2	0	3
29	3	1	2	0	3	5	5	3	2	13	0	7	4
30	3	0	2	2	1	2	0	3	9	5	5	7	4
MEAN	4	4	3	5	4	3	3	3	4	3	3	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	8	13	7	9	5	3	3	2	2	2	5
2	2	2	0	3	3	2	2	2	0	0	5	1	2
3	3	2	0	6	7	7	****	2	5	7	5	2	4
4	2	1	2	3	3	2	4	0	2	2	0	2	2
5	4	6	4	2	4	5	1	5	3	3	0	1	3
6	2	0	3	0	1	2	0	2	0	2	0	1	1
7	2	0	1	0	1	2	2	1	3	0	1	5	2
8	2	3	3	7	2	2	2	3	5	2	6	2	3
9	2	3	3	3	5	3	5	2	6	0	0	2	3
10	3	2	0	4	6	4	1	7	2	1	5	2	3
11	2	0	0	0	2	0	0	1	2	6	2	4	2
12	0	2	2	0	3	2	4	0	2	0	3	3	2
13	3	2	1	2	2	2	2	4	4	3	1	4	3
14	5	3	0	6	3	4	3	0	6	1	2	3	3
15	4	2	0	7	9	5	4	1	4	1	3	3	3
16	5	2	2	2	2	2	8	10	8	7	7	2	6
17	2	2	2	2	2	2	3	5	7	4	5	6	4
18	2	0	0	2	2	0	1	1	5	7	5	7	3
19	5	5	5	1	2	4	2	0	0	0	0	0	2
20	2	2	2	0	2	0	2	0	0	2	2	0	1
21	0	0	0	0	2	5	3	6	5	0	3	1	2
22	0	2	2	5	4	4	5	4	3	2	2	0	3
23	0	2	0	1	2	5	2	5	5	4	4	2	3
24	2	3	2	2	3	2	0	0	0	0	2	1	2
25	5	0	3	2	0	2	6	2	0	0	4	3	2
26	0	4	4	1	3	3	1	2	0	2	0	3	2
27	3	6	1	0	2	0	2	2	0	3	2	0	2
28	2	1	0	0	2	4	4	2	3	0	3	3	2
29	2	2	1	1	2	3	****	3	4	5	5	5	3
30	2	4	4	5	4	6	0	2	6	4	5	7	4
31	3	4	2	7	9	6	2	6	3	4	5	5	5
MEAN	2	2	2	3	3	3	3	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	7	13	28
FEB	28	5	12	18
MAR	31	6	10	23
APR	17	9	21	75
MAY	31	6	15	33
JUN	30	3	5	16
JUL	31	4	13	31
AUG	31	4	10	26
SEP	30	4	18	29
OCT	31	7	14	29
NOV	30	4	7	13
DEC	31	3	6	13
YEAR	348	5	21	75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BURLINGTON/WELLINGTON HAMILTON NO 29012

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	105	169	35	8	3	0	0	320
FEB	177	130	24	5	0	0	0	336
MAR	189	141	26	15	1	0	0	372
APR	81	54	21	18	11	4	3	192
MAY	189	136	30	7	7	3	0	372
JUN	275	79	5	1	0	0	0	360
JUL	224	102	20	8	1	1	0	356
AUG	222	124	22	2	2	0	0	372
SEP	248	87	11	5	9	0	0	360
OCT	155	129	55	21	11	0	0	371
NOV	244	104	9	0	0	0	0	357
DEC	294	75	1	0	0	0	0	370
YEAR	2403	1330	259	90	45	8	3	4138

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
94	0	0.6	1.7	3.3	5.4	9.9	12.9	17.5	22.2		75	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - JOHN/BURLINGTON HAMILTON NO 29013 MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	1	1	2	2	2	2	2	1	0	4	2	2
2	0	7	3	3	5	4	4	0	0	0	1	2	2
3	2	5	5	2	1	1	2	3	0	2	5	3	3
4	5	2	2	4	3	2	3	4	0	4	2	3	3
5	3	0	5	4	5	2	0	1	2	4	6	3	3
6	1	5	5	3	2	2	2	3	2	4	1	4	3
7	3	6	6	9	6	4	1	3	5	3	2	2	4
8	2	5	4	2	2	2	1	3	0	2	2	2	2
9	2	2	1	7	4	2	2	2	2	1	2	0	2
10	3	1	1	0	0	0	3	2	3	0	0	2	1
11	3	2	2	1	2	3	1	2	3	2	6	5	3
12	3	0	5	4	1	3	2	3	4	1	0	3	2
13	0	3	4	2	1	0	3	0	2	1	2	0	2
14	1	3	1	2	1	1	1	1	1	2	2	0	1
15	8	3	6	***	6	6	4	3	0	0	1	9	4
16	3	3	7	11	10	9	8	5	1	4	2	1	5
17	2	0	0	1	3	2	0	2	0	0	2	0	1
18	1	1	2	2	0	0	0	0	3	0	3	4	1
19	5	7	9	5	2	1	3	1	2	1	3	3	4
20	3	2	9	2	1	3	2	2	0	2	1	1	2
21	1	1	2	4	0	0	2	2	1	5	3	3	2
22	2	2	2	4	2	2	2	2	3	3	2	2	2
23	3	0	3	2	1	1	4	5	0	1	2	1	2
24	2	0	2	4	2	0	2	2	3	1	3	3	2
25	3	3	6	2	2	3	3	6	5	2	5	1	3
26	1	2	2	4	2	4	5	2	2	4	5	7	3
27	5	5	5	2	5	3	7	3	2	1	2	0	3
28	0	2	3	0	6	5	3	5	5	5	4	2	3
29	2	3	1	7	4	2	4	3	2	2	2	2	3
30	3	0	0	2	0	0	2	0	0	2	4	2	1
31	1	2	0	2	3	0	0	2	2	2	0	1	1
MEAN	2	3	3	3	3	2	3	2	2	2	3	2	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - JOHN/BURLINGTON HAMILTON NO 29013 MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	2	1	3	3	4	1	2	3	2	2
2	2	2	1	4	6	2	5	3	0	3	4	3	3
3	1	0	0	3	2	5	0	0	0	2	1	0	1
4	0	2	1	4	2	3	2	2	2	5	1	3	2
5	2	2	0	3	2	0	2	2	3	0	2	2	2
6	2	3	2	2	1	2	2	3	2	2	4	1	4
7	5	1	2	2	5	4	7	4	3	5	8	3	5
8	9	4	2	8	8	4	5	4	4	3	0	2	2
9	1	1	0	0	2	0	1	3	2	4	4	2	2
10	4	5	4	5	4	2	5	4	5	3	2	2	4
11	1	0	0	2	2	2	0	0	0	1	2	2	1
12	0	0	1	2	2	2	0	2	0	1	0	0	1
13	0	0	0	1	0	0	2	2	2	2	0	2	1
14	2	5	2	4	2	2	0	0	2	3	5	1	2
15	3	4	1	0	3	3	1	0	3	0	1	2	2
16	5	2	3	5	2	1	0	2	2	1	0	2	2
17	1	3	1	4	5	7	4	5	4	6	5	4	4
18	5	9	8	2	0	4	2	2	0	4	3	2	4
19	0	2	2	1	0	0	1	0	0	2	2	1	1
20	1	1	0	1	2	0	0	0	0	3	1	2	1
21	1	1	0	1	2	2	1	3	0	1	2	0	1
22	2	1	2	2	3	0	0	2	2	0	0	1	1
23	0	2	2	0	0	3	0	0	2	1	0	1	1
24	1	0	2	2	1	5	2	2	3	1	0	2	2
25	2	0	0	2	0	1	0	0	1	3	2	0	1
26	1	3	2	1	0	0	0	1	1	0	2	3	1
27	2	1	2	0	2	1	1	1	1	1	2	1	1
28	1	1	1	2	2	2	1	4	4	4	4	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	1	2	1	1	1	1	0	1	4	4	2
2	2	6	6	2	4	2	1	1	6	6	0	4	3
3	1	2	1	1	4	2	2	1	4	2	2	2	3
4	4	6	0	0	1	1	4	4	2	2	2	1	1
5	0	4	4	1	1	0	2	2	1	4	0	2	2
6	2	2	2	1	4	2	1	2	1	1	2	0	2
7	2	6	2	1	4	2	1	2	1	1	2	1	1
8	1	1	1	2	1	2	2	1	1	0	1	1	1
9	4	1	1	4	1	0	6	1	4	1	2	0	2
10	4	10	4	0	4	1	6	0	2	2	2	1	3
11	2	4	0	0	0	1	1	0	1	1	4	4	2
12	4	4	1	1	4	2	2	2	2	1	2	1	2
13	2	4	1	0	2	4	1	2	1	2	2	1	1
14	1	1	1	0	0	0	0	2	0	2	4	2	2
15	2	4	1	2	1	1	1	1	0	2	1	2	2
16	1	0	1	2	1	1	0	2	4	1	0	2	1
17	2	6	1	2	1	0	2	1	4	6	4	4	3
18	2	2	2	2	1	4	1	2	2	4	2	4	2
19	2	4	4	2	6	4	0	1	2	2	4	1	3
20	4	4	2	2	4	2	4	0	2	1	2	2	2
21	1	2	2	1	0	4	2	0	2	2	1	2	2
22	2	2	2	0	0	1	0	1	1	0	4	2	1
23	9	****	****	****	****	0	4	1	2	1	4	2	3
24	0	4	0	1	1	1	4	2	1	1	4	1	2
25	0	4	6	1	0	0	2	4	1	1	0	1	2
26	1	1	1	1	2	1	1	0	1	2	2	0	1
27	1	1	2	0	0	1	1	1	2	4	0	2	1
28	0	6	0	2	0	1	0	0	1	0	2	1	1
29	0	2	0	2	0	0	1	2	2	2	1	2	1
30	2	2	1	1	1	0	1	0	0	2	2	1	1
31	- DATA MISSING -												
MEAN	2	3	2	1	2	1	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	4	2	4	1	1	0	2	1	4	2
2	6	1	4	2	0	0	4	1	2	4	4	0	2
3	0	0	0	0	0	1	4	2	6	4	0	0	1
4	0	0	2	0	0	0	0	1	2	0	2	2	1
5	4	8	1	4	2	0	1	2	4	6	8	2	4
6	6	12	2	4	2	4	2	1	4	4	4	1	4
7	0	1	1	0	4	1	2	4	1	2	2	1	2
8	1	4	2	1	4	6	4	4	1	1	2	2	3
9	4	2	2	0	0	0	1	2	2	1	4	2	2
10	0	1	2	1	1	1	1	1	1	2	1	0	1
11	1	2	1	0	0	0	1	2	0	1	2	4	1
12	1	0	2	4	2	0	6	2	0	1	2	0	2
13	0	0	0	1	1	0	0	1	2	2	0	1	1
14	2	0	1	2	2	4	4	8	6	2	2	6	3
15	6	2	1	2	1	1	2	4	2	1	2	4	2
16	6	8	4	4	4	4	0	6	6	2	8	4	5
17	6	4	6	2	1	2	0	1	2	1	1	0	2
18	0	0	0	2	0	2	2	0	1	2	1	1	1
19	6	4	1	0	1	0	4	6	1	1	2	0	2
20	1	4	1	1	2	1	0	2	2	1	8	8	3
21	2	6	6	1	1	0	6	6	2	1	6	1	3
22	1	2	2	2	0	6	0	2	2	1	2	6	2
23	1	4	8	2	0	1	2	1	1	2	6	4	3
24	6	4	2	2	4	0	1	4	0	4	1	1	2
25	1	2	2	2	0	4	2	2	1	1	4	2	2
26	1	4	4	1	1	4	4	2	8	4	6	0	3
27	2	8	2	1	6	0	2	8	2	12	12	6	5
28	6	1	4	8	1	2	6	6	4	2	2	4	4
29	2	2	2	4	8	0	2	4	10	4	4	4	4
30	4	6	6	4	10	1	****	****	****	****	****	****	****
MEAN	3	3	2	2	2	2	2	3	3	2	3	2	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - JOHN/BURLINGTON HAMILTON NO 29013 MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	****	****	****	****	5	3	6	10	1	2	2	0	4
15	5	0	3	0	3	5	0	0	3	2	0	3	2
16	1	2	4	5	0	2	2	3	1	0	2	0	2
17	0	1	3	0	7	0	1	1	2	0	2	0	1
18	5	0	0	2	0	0	4	0	1	0	2	0	1
19	0	2	0	0	2	0	0	2	0	3	3	2	1
20	2	2	0	3	3	5	1	0	0	0	1	0	1
21	0	2	0	0	0	0	1	2	1	0	4	2	1
22	3	0	2	2	0	2	0	0	0	0	3	0	1
23	0	0	0	5	2	0	3	1	5	2	3	0	2
24	3	0	2	5	0	5	0	5	3	0	0	2	2
25	0	3	2	1	0	0	3	0	0	4	2	0	1
26	2	2	0	0	3	0	3	0	3	5	0	3	2
27	0	3	3	0	3	0	****	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	1	1	2	2	2	2	2	2	1	2	1	2
PERCENTAGE OF DATA VALID - 42													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - JOHN/BURLINGTON HAMILTON NO 29013 MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	****	****	****	****	****	****	2	5	5	3	0	3	****
6	5	4	1	2	3	2	7	0	6	0	7	3	3
7	6	5	7	5	5	3	0	2	0	0	0	5	3
8	2	3	6	2	7	0	5	4	0	3	0	0	3
9	1	3	1	2	3	0	2	7	0	0	0	6	2
10	2	2	3	5	5	5	2	6	2	0	5	5	4
11	5	7	9	9	0	2	3	2	2	0	4	0	4
12	4	1	8	2	5	2	7	1	4	0	8	6	4
13	2	2	17	7	2	4	2	3	5	2	2	3	4
14	5	4	7	8	3	0	3	2	4	3	0	6	4
15	3	6	2	2	2	2	5	3	2	3	2	4	3
16	0	5	1	6	4	1	2	0	0	0	0	2	2
17	2	3	5	2	0	2	0	3	0	2	3	1	2
18	7	2	2	3	3	0	0	0	2	2	3	2	2
19	0	3	2	9	3	8	5	7	2	1	1	0	4
20	2	3	0	3	1	0	2	0	3	0	2	0	1
21	0	7	0	2	0	0	3	0	0	0	0	2	1
22	0	5	0	3	3	0	2	0	5	0	3	0	2
23	2	2	2	0	2	1	2	2	0	0	3	0	1
24	4	4	4	2	2	0	1	5	2	2	0	4	3
25	0	2	3	0	2	2	2	0	0	3	2	9	2
26	3	3	3	3	5	5	2	2	2	4	4	2	3
27	1	2	0	3	0	2	0	3	0	0	2	2	1
28	2	2	2	3	1	1	5	0	2	0	1	3	2
29	0	1	0	2	0	0	3	0	5	2	2	0	1
30	1	0	2	0	2	1	1	0	3	0	3	2	1
31	0	5	1	0	3	0	2	0	2	1	2	0	1
MEAN	2	3	3	3	3	2	3	2	2	1	2	3	2
PERCENTAGE OF DATA VALID - 85													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	3	2	0	1	2	0	2	0	2	1
2	4	4	4	8	5	0	0	0	2	1	2	3	3
3	3	5	2	2	3	1	1	7	0	0	4	2	3
4	0	4	4	2	2	2	0	2	1	0	0	0	1
5	2	1	2	3	2	2	0	0	2	2	1	2	2
6	2	1	2	0	2	0	2	0	0	2	2	4	1
7	1	2	0	1	2	1	0	2	0	3	0	0	1
8	0	0	1	4	3	0	3	3	1	5	1	6	2
9	6	0	2	4	3	0	3	1	3	6	6	6	3
10	0	3	3	3	3	2	1	0	0	0	0	0	1
11	0	3	5	2	0	1	0	0	2	3	1	0	1
12	1	5	1	2	3	0	2	0	2	2	0	2	2
13	3	2	0	1	0	0	2	3	0	2	3	0	1
14	2	2	0	2	3	2	3	0	5	0	0	0	2
15	0	0	1	0	2	0	0	2	0	0	1	2	1
16	2	3	0	0	0	0	0	0	2	0	2	2	2
17	1	4	1	5	2	5	2	1	2	0	0	2	2
18	6	1	2	2	9	3	2	0	3	2	0	2	5
19	3	17	11	2	2	0	2	0	0	0	2	2	1
20	2	2	0	0	2	0	2	0	0	0	2	2	2
21	2	0	3	0	0	0	0	0	1	2	0	3	1
22	3	0	0	3	2	2	0	2	0	1	2	2	1
23	4	2	4	2	3	3	2	2	2	0	3	3	3
24	2	1	4	0	1	0	2	0	0	0	0	1	1
25	0	0	2	4	2	2	0	0	3	0	3	0	1
26	2	1	3	0	4	0	2	2	0	3	1	1	2
27	1	0	3	0	2	2	0	2	0	5	0	2	1
28	3	1	1	2	0	2	0	2	0	0	4	0	1
29	0	0	2	0	0	0	1	2	3	2	6	2	1
30	2	2	0	2	1	0	3	0	4	0	5	0	2
MEAN	2	2	2	2	2	1	1	1	1	1	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	0	2	2	0	3	0	2	2	0	1
2	9	2	0	6	0	0	3	3	3	0	0	0	2
3	0	0	1	2	0	2	0	2	1	1	0	0	1
4	1	0	0	0	2	2	0	0	1	3	3	5	1
5	0	2	2	7	3	2	3	1	3	2	0	4	2
6	2	5	0	2	1	1	0	2	2	4	2	3	2
7	2	5	2	7	3	3	0	6	7	5	4	8	4
8	4	9	9	8	13	10	4	9	1	3	4	11	7
9	4	7	3	5	2	6	5	0	0	6	4	4	4
10	1	1	2	1	2	0	3	2	4	2	4	2	2
11	2	2	0	4	4	2	0	2	0	0	0	0	1
12	3	1	2	2	2	3	6	1	2	2	2	2	2
13	2	1	1	2	4	2	2	2	3	0	1	0	2
14	2	3	7	7	5	4	4	3	0	0	0	0	3
15	1	0	0	0	3	0	2	1	1	1	2	2	1
16	0	0	2	5	1	0	2	2	2	2	1	2	2
17	0	3	1	3	1	2	4	2	0	1	0	2	2
18	0	2	1	3	0	2	0	1	0	2	2	0	1
19	1	2	2	2	0	0	1	2	1	5	2	2	1
20	0	2	2	2	2	3	1	1	2	5	2	0	2
21	4	2	0	3	1	1	2	6	2	2	3	0	2
22	2	3	1	1	1	4	0	2	1	2	1	2	2
23	4	0	1	2	2	4	0	2	2	1	1	2	2
24	4	5	3	0	0	1	2	2	0	2	0	2	2
25	1	1	3	1	1	0	0	0	3	1	1	0	1
26	1	1	1	3	2	4	0	2	4	6	1	1	2
27	1	1	0	0	5	4	3	2	4	0	***	0	2
28	5	1	3	3	3	2	3	0	3	1	3	3	3
29	6	2	4	1	7	1	0	0	2	2	6	2	3
30	3	2	2	3	3	2	8	2	4	0	4	0	3
31	0	5	2	3	5	1	0	2	0	2	5	1	2
MEAN	2	2	2	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - JOHN/BURLINGTON HAMILTON NO 29013 MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	0	0	3	2	2	3	6	5	2	2
2	0	3	0	2	4	2	5	2	3	5	1	0	2
3	3	2	1	2	0	1	1	0	2	0	0	0	1
4	3	2	2	2	2	1	0	1	4	2	1	2	2
5	1	2	0	0	0	3	0	0	1	4	0	3	1
6	2	0	2	0	0	1	1	5	0	2	2	0	1
7	3	0	3	1	5	1	1	0	0	3	0	3	2
8	0	2	4	2	3	3	2	0	2	0	3	3	2
9	4	0	3	3	4	0	****	****	5	8	6	11	4
10	5	2	3	5	4	7	3	8	7	4	4	5	5
11	9	6	6	5	13	9	2	7	9	10	5	6	7
12	3	6	2	7	12	8	3	4	9	3	5	4	6
13	0	0	0	1	2	0	0	0	2	2	1	0	1
14	1	3	2	6	0	4	0	1	2	2	2	1	2
15	1	2	0	1	2	3	2	0	1	2	4	0	2
16	2	9	5	2	5	2	4	8	4	2	9	3	4
17	2	5	4	2	3	1	****	5	4	5	2	10	5
18	9	10	8	9	9	4	5	4	5	9	5	7	7
19	5	5	10	14	11	5	5	5	8	13	14	9	9
20	15	9	8	12	2	4	5	2	0	0	2	5	5
21	2	0	3	4	2	8	2	5	3	3	5	6	4
22	9	4	1	2	2	2	2	1	2	0	0	2	2
23	3	2	3	1	3	2	3	3	1	3	2	2	2
24	2	2	3	4	1	5	1	****	4	3	2	1	3
25	4	2	5	5	6	6	4	6	4	3	4	4	4
26	4	3	8	4	6	3	3	2	9	5	6	2	5
27	3	2	7	5	2	4	4	5	2	2	1	1	3
28	5	2	2	3	2	1	1	1	1	2	1	2	2
29	5	2	3	6	2	7	2	2	5	2	7	4	4
30	0	0	2	0	4	2	1	0	6	4	10	8	3
MEAN	4	3	3	4	4	3	2	3	4	4	3	4	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - JOHN/BURLINGTON HAMILTON NO 29013 MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	9	7	4	10	4	3	7	2	3	0	5
2	1	0	3	1	0	2	2	2	0	4	5	3	2
3	0	4	1	7	10	5	****	5	2	3	4	2	4
4	4	3	3	2	0	1	3	2	4	2	2	6	3
5	8	6	6	2	2	7	3	2	3	2	2	1	4
6	2	2	1	0	1	1	2	2	4	0	1	0	1
7	3	2	2	3	4	4	2	2	3	5	3	5	3
8	8	8	6	5	5	5	4	2	9	6	6	5	6
9	6	3	5	6	4	5	****	2	7	4	4	5	5
10	2	6	2	2	2	2	3	0	4	5	5	4	3
11	2	5	3	2	2	2	2	0	2	4	0	3	2
12	2	0	2	0	2	5	2	3	2	2	5	5	3
13	2	3	3	5	4	5	6	2	5	0	0	0	3
14	4	0	0	4	2	5	0	0	5	0	5	1	2
15	4	3	2	4	5	4	5	3	2	5	2	5	4
16	6	7	7	11	9	9	7	5	5	9	5	3	7
17	5	4	5	4	0	4	3	5	2	2	2	5	4
18	0	2	6	3	2	2	3	6	9	5	7	7	4
19	11	5	6	5	4	2	4	0	2	0	3	0	3
20	3	0	0	2	0	0	4	5	0	3	3	2	2
21	0	2	0	3	2	2	4	2	3	2	3	3	2
22	2	9	8	5	6	2	****	****	****	****	****	****	****
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29	****	****	****	****	****	****	****	2	5	6	6	8	****
30	4	11	6	11	12	8	7	6	10	6	6	15	9
31	5	8	7	3	5	6	5	6	6	4	5	5	5
MEAN	4	4	4	4	4	4	4	3	4	3	4	4	4

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	5	11
FEB	28	2	5	9
MAR	30	2	3	10
APR	30	2	5	12
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	14	2	4	10
AUG	27	2	4	17
SEP	30	2	5	17
OCT	31	2	7	13
NOV	30	3	9	15
DEC	25	4	9	15
YEAR	276	2	9	17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - JOHN/BURLINGTON HAMILTON

NO 29013

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	314	56	1	0	0	0	0	371
FEB	305	31	0	0	0	0	0	336
MAR	339	16	0	0	0	0	0	355
APR	303	48	3	0	0	0	0	354
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL	143	15	0	0	0	0	0	158
AUG	259	58	0	1	0	0	0	318
SEP	338	20	1	1	0	0	0	360
OCT	330	39	2	0	0	0	0	371
NOV	259	88	9	0	0	0	0	356
DEC	180	99	6	0	0	0	0	285
YEAR	2770	470	22	2	0	0	0	3264

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.3	0.8	1.5	2.5	4.8	6.1	8.3	9.4	17	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELGIN/BARTON HAMILTON							NO 29014						
							MONTH JAN 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	****	****	****	12	10	8	10	****
23	11	8	13	79	13	10	6	5	2	3	4	13	14
24	8	3	7	7	14	14	7	9	2	11	13	12	9
25	14	12	8	16	12	10	11	8	20	11	15	6	13
26	7	5	3	3	14	7	2	3	2	4	8	10	6
27	14	9	12	8	10	7	7	10	12	9	8	6	6
28	6	2	3	6	9	9	11	11	14	9	8	6	8
29	4	1	2	10	8	5	9	7	8	6	3	4	6
30	2	8	2	4	5	5	4	1	1	5	2	3	4
31	2	8	2	3	8	8	4	7	1	3	3	2	4
MEAN	8	6	6	15	10	8	7	7	8	8	7	7	8
PERCENTAGE OF DATA VALID - 30													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELGIN/BARTON HAMILTON							NO 29014						
							MONTH FEB 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	5	8	6	6	3	6	4	2	4	5	2	5
2	7	8	9	13	13	7	13	10	8	2	8	1	8
3	4	4	6	2	5	2	3	1	2	0	0	2	3
4	1	1	6	14	9	2	4	4	6	4	3	4	5
5	7	7	5	16	6	3	8	9	6	8	8	11	8
6	5	6	4	10	13	9	5	5	6	7	7	5	7
7	3	9	5	6	5	8	16	11	8	11	16	16	10
8	11	20	12	15	22	13	16	22	8	9	13	18	15
9	20	13	15	10	10	11	6	8	6	6	5	9	10
10	9	14	5	10	7	11	9	5	7	2	2	6	7
11	2	1	0	5	3	3	4	6	9	1	3	4	3
12	3	3	3	8	6	2	4	5	3	3	4	2	4
13	1	4	3	5	5	2	5	2	3	2	4	5	3
14	8	4	8	6	1	0	0	3	5	5	9	5	5
15	8	9	5	2	4	1	2	7	5	2	9	5	5
16	2	2	3	14	5	7	5	3	7	5	7	10	6
17	2	6	8	17	16	12	10	15	11	16	19	12	12
18	11	18	16	21	11	7	6	13	6	11	6	3	11
19	2	0	2	7	11	0	0	2	1	0	4	5	3
20	3	2	4	4	5	2	5	4	4	1	2	1	3
21	2	0	3	9	5	4	6	8	3	6	3	9	5
22	2	4	1	5	5	0	4	0	2	2	7	0	3
23	0	11	7	8	3	2	3	2	4	5	7	1	4
24	1	2	4	6	4	5	5	3	3	5	6	6	4
25	1	0	2	3	3	1	0	0	0	3	0	2	1
26	5	3	7	7	7	2	6	4	7	8	6	5	6
27	5	5	3	8	6	4	4	4	4	6	12	5	5
28	6	8	10	0	1	6	4	8	4	12	10	12	7
MEAN	5	6	6	9	7	5	5	6	5	5	7	6	6
PERCENTAGE OF DATA VALID - 100													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	16	12	4	4	6	10	4	6	12	16	1	2	8
2	4	6	18	6	14	10	8	4	20	12	8	4	10
3	14	12	22	10	16	14	16	22	16	14	12	14	15
4	12	10	18	14	12	10	4	8	10	12	12	6	11
5	14	20	6	4	0	2	2	1	0	2	1	1	4
6	2	4	4	6	2	0	2	2	4	4	2	4	3
7	10	76	12	8	6	4	6	2	6	1	2	4	11
8	1	2	8	2	2	6	2	0	2	4	4	6	3
9	6	8	4	2	6	6	2	10	2	2	2	6	5
10	6	14	4	6	2	1	4	4	2	18	14	18	8
11	8	20	12	6	4	2	6	6	4	6	12	10	8
12	8	14	4	12	4	6	4	2	1	2	0	6	5
13	6	36	2	1	4	0	6	2	4	2	2	6	6
14	6	8	8	2	0	4	4	4	6	8	8	10	6
15	6	4	4	0	1	1	4	4	2	2	2	1	2
16	6	16	8	4	4	6	2	4	4	6	6	2	6
17	10	20	12	2	2	4	1	1	18	18	20	14	10
18	8	10	8	6	8	16	14	8	6	6	8	8	9
19	4	6	6	14	25	14	12	8	10	4	10	16	11
20	10	10	4	20	8	4	4	4	6	4	8	1	7
21	1	1	1	6	2	6	6	4	1	10	8	8	5
22	4	8	2	2	4	12	8	8	10	8	8	2	6
23	2	6	8	1	0	6	4	8	2	1	6	6	4
24	8	8	4	6	6	2	6	8	2	6	4	8	6
25	4	8	8	4	4	4	2	12	1	4	14	18	7
26	16	14	25	22	16	8	10	8	2	6	0	4	11
27	1	2	4	6	2	0	2	6	6	8	4	2	4
28	4	12	6	10	4	4	4	1	2	0	2	1	4
29	0	2	2	4	4	4	1	2	2	10	8	4	4
30	6	8	4	4	6	1	1	12	10	6	4	8	6
31	4	6	8	2	12	16	8	4	4	4	12	8	7
MEAN	7	12	8	6	6	6	5	6	6	7	7	7	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	8	12	10	10	4	4	12	14	10	16	22	11
2	4	2	12	10	1	0	6	0	1	12	8	6	5
3	4	6	0	4	2	1	1	12	4	4	4	8	4
4	2	4	2	1	0	1	2	2	2	4	8	6	3
5	6	2	1	1	2	2	2	1	1	2	8	8	3
6	12	12	8	6	12	8	8	8	8	12	6	9	5
7	8	6	2	2	8	4	2	4	4	4	10	6	6
8	6	1	2	10	1	2	4	6	2	2	1	4	3
9	6	6	1	2	6	4	1	0	2	1	6	0	3
10	2	6	1	2	6	4	4	4	4	4	4	4	3
11	0	2	2	1	1	1	8	10	4	4	4	4	3
12	4	2	6	10	6	8	10	16	6	12	4	1	7
13	2	4	8	6	6	14	6	4	10	2	6	6	6
14	2	4	8	10	10	20	25	27	14	6	14	12	13
15	8	2	2	12	10	20	14	16	4	4	6	8	9
16	18	14	14	14	18	20	16	6	6	14	18	20	15
17	12	16	12	1	2	6	6	6	6	6	6	4	7
18	4	4	1	0	8	2	6	2	0	1	8	10	4
19	4	2	6	6	16	27	10	6	22	18	14	22	13
20	8	8	4	4	4	4	2	8	4	6	23	6	7
21	14	14	6	4	2	6	4	2	2	4	6	4	6
22	2	4	6	1	1	2	4	6	4	14	16	12	6
23	6	12	12	4	2	6	6	2	4	8	6	1	6
24	4	6	4	6	2	6	4	6	4	2	4	2	4
25	6	6	8	4	1	4	1	6	6	1	4	4	4
26	12	2	4	2	1	2	1	6	8	8	4	2	4
27	6	10	2	2	2	16	10	6	10	10	20	14	9
28	17	12	20	18	22	18	16	25	12	16	12	12	16
29	27	18	10	27	25	22	18	6	4	14	14	25	17
30	10	20	18	18	20	12	12	14	18	29	22	2	16
MEAN	7	7	7	7	7	8	7	8	7	8	9	8	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELGIN/BARTON HAMILTON							NO 29014						
							MONTH MAY 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	6	2	6	1	2	6	2	1	0	1	1	3
2	0	1	1	1	1	1	1	4	4	2	1	4	2
3	0	2	1	0	0	1	2	4	2	6	4	4	2
4	4	10	6	2	6	2	2	2	2	2	10	8	5
5	10	18	6	2	0	2	1	1	2	4	10	2	5
6	2	2	2	2	2	10	1	1	6	4	4	2	3
7	4	6	1	2	2	6	1	6	4	2	2	8	4
8	10	8	18	20	38	22	20	12	14	10	12	8	16
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	0	11	17	28	21	14	5	13	14
16	10	14	2	11	10	8	2	4	2	1	3	3	6
17	3	5	7	2	2	8	0	4	1	0	1	5	3
18	3	0	5	3	0	2	0	0	2	4	5	5	2
19	8	0	4	2	6	3	7	2	3	2	2	2	3
20	2	3	0	3	0	11	11	13	11	3	3	5	5
21	4	5	8	3	19	15	28	23	13	21	25	19	15
22	7	5	2	11	8	2	3	2	2	9	14	8	6
23	3	2	7	5	3	3	7	0	2	6	11	5	5
24	7	15	10	5	7	9	11	13	3	0	0	0	7
25	3	3	0	9	5	16	17	9	16	0	0	0	7
26	2	5	4	3	4	1	5	2	2	2	0	3	3
27	5	0	3	3	3	0	2	3	2	2	3	6	3
28	7	7	5	3	8	7	12	19	14	15	5	0	9
29	12	5	2	5	6	5	11	4	3	0	2	4	5
30	9	14	7	7	1	3	3	2	2	4	5	9	6
31	4	2	7	0	6	2	0	2	0	3	2	3	3
MEAN	5	6	5	5	6	6	7	6	5	5	5	5	5
PERCENTAGE OF DATA VALID - 79													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - ELGIN/BARTON HAMILTON							NO 29014						
							MONTH JUN 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	1	3	2	0	2	2	6	0	2	4	2
2	1	0	2	3	4	2	3	2	2	0	2	0	2
3	2	3	0	2	0	5	0	2	3	2	0	0	2
4	7	6	0	1	0	9	15	10	11	13	1	5	7
5	6	7	3	5	2	8	0	0	3	2	7	0	4
6	0	2	0	3	0	0	2	3	0	3	3	0	1
7	3	3	2	5	0	2	0	2	2	4	5	3	3
8	4	3	2	4	3	5	5	0	2	0	2	7	3
9	4	9	12	2	3	6	5	1	6	1	2	4	4
10	2	7	0	4	5	5	2	5	7	3	8	2	4
11	3	2	5	6	4	6	2	5	5	5	3	5	4
12	2	6	0	0	0	3	9	8	7	0	1	3	3
13	3	4	4	2	2	2	5	6	6	9	3	4	4
14	4	4	2	2	2	3	5	11	8	1	1	4	4
15	3	6	3	1	8	3	5	6	3	5	5	5	4
16	2	3	5	7	4	9	13	10	11	7	3	3	6
17	9	5	7	7	3	3	4	7	4	2	5	3	5
18	0	0	2	1	3	2	2	0	3	2	0	2	1
19	0	0	2	1	3	0	3	2	0	3	3	2	2
20	4	3	0	0	2	0	2	2	3	0	0	0	1
21	2	2	2	3	2	6	3	3	0	2	3	5	3
22	4	4	9	6	4	3	4	0	2	3	4	5	4
23	5	5	3	3	3	2	0	2	2	3	2	4	3
24	2	4	5	5	2	4	2	3	4	3	0	1	3
25	3	3	2	2	0	0	1	7	9	13	13	3	5
26	2	6	4	7	2	4	4	7	6	1	2	3	4
27	3	2	2	1	1	2	2	1	2	0	0	1	1
28	3	3	0	0	2	3	0	1	0	2	3	0	1
29	3	2	3	3	2	5	3	2	4	0	2	0	2
30	2	2	2	2	0	2	2	0	0	4	7	3	2
MEAN	3	4	3	3	2	3	4	4	4	3	3	3	3
PERCENTAGE OF DATA VALID - 100													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	1	2	4	3	2	10	5	10	7	2	5
2	0	0	0	1	8	4	12	7	14	9	2	2	5
3	5	8	4	15	11	****	****	****	****	****	****	****	****
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	2	6	8	4	7	9	10	10	5	2	5

PERCENTAGE OF DATA VALID - 7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	****	****	****	****	****	6	10	6	4	2	4	6	****
12	4	4	3	4	3	6	9	6	2	3	6	7	5
13	4	8	8	9	7	1	1	7	3	3	7	6	5
14	7	9	11	8	12	7	6	4	7	18	6	3	8
15	6	5	5	4	6	5	8	6	2	4	7	2	5
16	9	7	6	7	4	5	4	3	2	2	3	3	5
17	2	3	4	5	8	2	0	2	0	1	0	4	3
18	6	3	7	12	13	7	4	12	7	9	7	5	8
19	7	7	8	14	7	9	4	6	4	4	6	2	7
20	3	4	2	4	2	2	5	2	2	3	3	5	3
21	4	4	2	5	2	0	2	2	0	2	2	2	2
22	9	5	6	2	2	2	4	4	2	6	4	3	4
23	6	3	3	2	1	2	5	5	7	4	3	0	3
24	5	2	4	9	5	2	3	2	3	2	4	4	4
25	5	2	0	18	6	2	5	3	2	2	4	3	4
26	2	4	3	7	8	6	3	7	7	3	3	2	5
27	3	3	2	4	3	2	9	6	3	2	2	4	4
28	7	3	5	4	5	5	5	3	1	2	2	2	2
29	1	2	2	2	3	2	2	1	1	2	4	2	2
30	4	2	3	4	2	5	9	3	2	0	2	2	3
31	3	2	7	5	2	2	0	2	0	3	3	3	3
MEAN	5	4	5	6	5	4	5	4	3	4	4	3	4

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH SEP 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	5	2	1	5	2	0	3	0	4	3
2	4	3	8	10	5	2	1	6	4	4	8	6	5
3	5	1	3	4	5	4	6	8	5	6	3	3	4
4	3	2	0	0	2	1	5	1	2	2	2	2	2
5	2	2	2	3	2	1	1	0	0	2	2	1	1
6	2	2	0	3	2	0	2	1	2	3	5	5	2
7	5	2	3	2	0	6	4	4	2	3	15	18	5
8	1	0	2	5	8	4	5	5	7	6	5	6	5
9	7	7	4	3	5	4	4	3	2	5	6	3	4
10	4	4	5	3	3	4	3	5	0	3	2	4	3
11	2	2	1	2	0	3	4	0	1	1	2	3	2
12	0	3	3	6	7	0	0	1	1	2	2	2	2
13	2	2	2	3	1	2	2	1	0	0	0	2	1
14	3	1	4	4	6	4	3	2	2	9	8	10	5
15	2	3	1	0	2	2	2	1	4	9	6	3	3
16	6	1	2	2	1	0	3	3	0	2	2	2	2
17	6	2	5	13	7	3	6	5	8	3	7	11	6
18	6	7	3	11	2	5	3	4	3	1	5	1	4
19	4	0	2	3	1	1	0	1	0	1	0	0	1
20	2	4	4	3	5	0	2	4	5	4	2	3	3
21	4	6	6	8	2	2	3	0	0	2	2	3	3
22	1	2	1	5	1	0	1	0	1	3	2	2	2
23	1	4	3	2	0	2	0	2	4	2	2	3	2
24	6	3	2	2	3	2	8	4	2	2	2	1	3
25	2	1	1	7	2	1	2	2	2	3	4	5	3
26	3	1	2	2	2	2	0	1	2	1	2	3	2
27	2	1	2	0	0	1	2	0	0	0	2	5	1
28	2	2	0	2	4	2	1	0	0	1	3	2	2
29	1	2	2	3	4	4	2	0	0	3	5	3	2
30	1	2	1	9	2	2	****	****	0	0	2	3	2
MEAN	3	3	3	4	3	2	3	2	2	3	4	4	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH OCT 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	5	4	2	5	2	2	5	15	29	6
2	13	14	4	11	4	5	7	4	7	3	3	4	10
3	3	3	2	5	3	2	4	2	2	2	1	0	2
4	5	2	1	1	0	2	2	2	2	3	13	17	4
5	11	5	7	44	14	2	3	5	8	9	7	13	11
6	6	11	7	3	3	2	2	4	6	7	12	7	6
7	5	13	11	19	14	14	14	27	19	15	13	21	15
8	23	23	23	27	22	17	17	21	14	7	8	6	17
9	9	12	19	18	21	2	19	25	5	7	11	6	13
10	6	3	3	0	4	2	3	3	2	3	6	5	3
11	5	7	4	9	4	2	3	2	2	2	2	2	4
12	2	5	5	13	6	5	3	7	2	3	9	9	6
13	3	2	3	3	5	2	7	7	5	5	3	14	5
14	9	11	5	16	15	3	2	1	2	3	2	0	6
15	3	0	2	2	2	0	2	6	0	2	5	5	2
16	2	1	2	9	0	2	3	5	3	0	7	2	4
17	11	3	2	5	2	5	2	2	3	2	7	2	2
18	3	0	2	2	2	1	2	2	4	2	3	0	2
19	5	0	2	7	9	3	3	0	8	7	4	9	5
20	5	5	7	5	13	11	7	3	5	7	7	2	6
21	4	4	0	9	0	4	1	9	14	4	14	4	6
22	3	3	3	3	4	2	5	7	5	5	2	1	4
23	3	5	1	3	3	5	7	6	7	9	3	3	5
24	10	13	3	2	5	2	6	3	4	4	2	3	5
25	4	8	5	5	2	2	4	2	2	2	5	5	4
26	5	2	4	2	12	4	0	3	2	2	4	4	4
27	2	3	8	11	19	18	9	8	11	3	9	19	10
28	12	8	9	17	21	16	9	7	13	17	14	17	13
29	7	13	5	12	17	17	12	12	11	14	12	5	11
30	4	5	4	12	9	16	14	13	13	2	0	12	9
31	7	12	7	8	3	2	3	2	3	2	1	3	4
MEAN	6	6	6	9	8	6	6	7	6	5	7	7	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	5	3	0	4	3	2	3	5	8	12	4
2	3	2	3	3	8	5	9	****	14	9	8	10	7
3	6	5	3	6	1	5	2	4	2	8	4	6	4
4	3	5	2	2	4	1	4	4	4	8	9	5	4
5	3	2	2	7	0	3	1	0	1	2	4	4	2
6	4	4	6	10	6	3	5	7	4	6	8	7	6
7	6	4	3	9	6	2	0	2	1	3	3	0	3
8	3	10	8	2	9	9	2	3	5	3	4	10	6
9	2	3	14	10	28	19	4	8	10	5	4	6	9
10	5	3	8	5	5	3	2	4	12	7	8	5	6
11	5	8	6	16	14	6	7	10	3	4	3	2	7
12	4	10	2	8	4	6	2	5	3	4	1	3	4
13	1	2	0	2	2	2	3	0	2	2	0	2	2
14	1	2	1	0	2	1	0	0	0	3	2	0	1
15	0	****	0	0	2	0	2	0	2	0	2	2	1
16	1	4	3	8	2	1	2	2	5	3	3	5	3
17	5	2	5	10	6	4	1	3	7	12	11	12	7
18	20	16	13	10	11	7	****	6	9	5	6	6	10
19	6	7	13	10	10	8	7	9	2	10	15	19	10
20	14	13	17	10	3	0	2	3	2	4	0	2	6
21	1	2	2	2	3	3	2	4	5	3	5	17	4
22	5	11	2	7	4	10	5	5	****	****	****	****	6
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	5	6	5	6	6	5	3	4	5	5	5	6	5

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	0	0	0	0	1	9	19	9	9	7	5
9	7	7	7	7	7	7	7	9	5	2	3	2	6
10	5	5	6	20	9	3	9	7	8	5	7	3	7
11	5	5	6	5	4	2	8	2	5	4	4	3	4
12	3	5	1	2	4	2	3	3	2	3	2	3	3
13	2	2	2	5	6	4	5	5	2	3	5	3	4
14	0	3	8	6	4	7	3	9	5	5	2	4	5
15	4	3	9	6	1	3	6	3	5	10	15	11	6
16	8	13	13	13	9	****	****	****	****	****	****	****	****
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	5	6	7	5	4	5	6	6	5	6	5	5

PERCENTAGE OF DATA VALID - 26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ELGIN/BARTON HAMILTON

NO 29014

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	8	14	79
FEB	28	6	15	22
MAR	31	7	15	76
APR	30	7	17	29
MAY	25	5	16	38
JUN	30	3	7	15
JUL	3	5	5	15
AUG	21	4	8	18
SEP	30	3	6	18
OCT	31	7	17	44
NOV	22	5	10	28
DEC	9	5	7	20
YEAR	270	5	17	79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ELGIN/BARTON HAMILTON

NO 29014

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	33	53	22	2	1	0	1	112
FEB	142	145	32	14	3	0	0	336
MAR	177	127	37	24	5	1	1	372
APR	156	119	40	29	16	0	0	360
MAY	172	79	26	11	7	1	0	296
JUN	271	80	9	0	0	0	0	360
JUL	15	10	4	0	0	0	0	29
AUG	153	86	6	2	0	0	0	247
SEP	286	67	4	1	0	0	0	358
OCT	183	107	49	19	12	0	2	372
NOV	143	91	15	7	1	0	0	257
DEC	45	47	5	2	0	0	0	99
YEAR	1776	1011	249	111	45	2	4	3198

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
73	0	0.7	1.8	3.5	5.8	11.5	15.1	19.4	21.9	79	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	****	****	3	3	13	4	****
24	7	1	7	5	7	4	5	17	14	9	13	11	8
25	13	12	9	12	12	13	8	12	17	22	15	3	12
26	1	2	7	2	13	7	2	5	9	8	14	18	7
27	17	12	14	****	17	8	11	7	8	5	4	1	9
28	6	6	10	15	11	8	8	14	20	11	5	7	10
29	0	3	2	8	7	2	3	1	4	6	3	1	3
30	6	2	2	2	2	5	1	0	2	7	4	2	3
31	5	4	4	7	8	11	2	2	3	2	3	0	4
MEAN	7	5	7	7	10	7	5	7	9	8	8	5	7

PERCENTAGE OF DATA VALID - 26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	0	4	2	3	0	2	7	2	4	6	3
2	9	14	12	11	9	9	12	6	3	0	0	0	7
3	3	1	7	7	4	1	6	6	9	2	3	2	4
4	2	3	4	2	6	3	5	5	11	8	7	9	5
5	13	12	8	2	6	5	9	2	3	3	5	8	6
6	6	4	7	10	13	10	2	3	5	3	5	8	6
7	3	7	1	7	7	10	9	9	10	11	12	14	8
8	5	3	5	5	6	0	0	7	0	9	7	12	5
9	9	12	13	5	10	7	6	7	5	4	6	9	8
10	9	7	7	6	8	5	5	2	10	3	5	4	6
11	1	2	7	4	1	2	1	3	1	0	1	4	2
12	5	2	5	6	2	1	1	0	4	4	4	1	3
13	2	0	1	4	5	2	5	2	2	3	3	3	3
14	3	4	4	3	3	3	2	8	10	8	12	5	5
15	8	10	8	2	3	7	6	4	7	5	8	2	6
16	1	1	2	5	4	3	2	8	7	13	8	8	5
17	9	2	10	6	12	6	10	8	11	17	12	12	10
18	10	13	13	12	7	3	4	6	5	12	5	2	8
19	3	3	5	11	1	2	4	2	2	5	0	2	3
20	3	1	2	1	5	0	1	0	4	3	2	5	2
21	1	2	6	3	3	2	3	7	1	3	2	3	3
22	5	2	2	2	1	2	3	0	0	2	0	1	2
23	0	5	2	6	4	2	4	2	4	2	2	2	3
24	2	3	2	5	2	2	0	2	8	5	0	3	3
25	2	14	8	2	2	2	3	2	2	4	0	6	4
26	2	2	2	7	4	6	6	4	8	11	8	6	6
27	8	7	4	14	11	3	2	2	2	5	2	2	6
28	2	2	8	6	3	1	2	6	4	4	7	8	4
MEAN	5	5	6	6	5	4	4	4	5	5	5	6	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	12	14	8	5	7	6	6	5	10	16	10	9
2	7	3	2	8	2	6	1	4	7	5	9	6	5
3	8	4	3	6	7	6	11	8	10	7	7	4	7
4	4	7	12	14	17	8	14	5	6	11	2	5	9
5	4	3	3	5	3	2	4	6	****	2	3	2	3
6	2	2	3	10	5	5	5	4	3	6	1	2	4
7	3	0	3	3	7	2	2	2	2	3	2	2	3
8	4	3	1	0	2	6	0	0	3	3	2	2	2
9	3	5	2	2	4	1	2	7	5	2	****	8	4
10	2	2	2	4	2	2	4	2	5	2	0	1	2
11	2	0	0	5	1	3	0	4	0	0	3	2	2
12	2	4	2	2	5	2	6	4	2	1	1	0	3
13	0	0	6	7	2	4	4	4	1	2	6	0	4
14	6	4	8	2	4	2	2	6	4	4	12	8	5
15	6	6	2	2	1	2	1	6	4	4	2	4	3
16	1	4	6	1	4	4	0	4	1	2	8	4	3
17	4	8	6	2	6	2	6	6	14	20	16	12	9
18	10	10	14	8	6	14	14	8	10	10	12	10	11
19	6	8	8	12	14	14	8	10	20	22	18	16	13
20	22	12	14	20	12	12	6	8	6	6	6	4	11
21	1	4	2	6	10	2	6	6	4	18	6	12	6
22	4	12	10	6	12	6	6	8	10	8	6	4	8
23	4	14	6	4	1	4	2	2	2	2	4	12	5
24	56	12	4	6	6	4	1	6	4	4	6	10	6
25	4	6	4	2	10	2	6	8	8	10	12	1	7
26	8	12	12	16	14	8	4	4	1	2	2	7	1
27	1	6	1	1	1	0	6	6	8	4	10	6	4
28	6	10	12	8	4	2	2	8	4	4	2	4	6
29	0	1	0	1	4	10	12	16	4	1	0	2	4
30	6	8	10	4	6	6	6	8	12	12	2	12	8
31	8	20	6	4	6	14	14	2	4	6	12	14	9
MEAN	7	7	6	6	6	5	5	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	14	12	6	10	12	10	14	14	12	8	16	18	12
2	16	10	14	14	10	1	0	4	4	4	2	2	7
3	1	4	2	2	4	2	2	4	2	4	2	4	3
4	4	2	2	2	2	1	4	2	4	6	2	6	3
5	4	4	1	4	0	4	4	8	8	8	6	10	5
6	10	27	16	12	18	8	20	12	12	14	10	4	14
7	4	6	4	2	6	4	1	4	6	4	4	6	4
8	6	6	2	6	6	6	2	2	4	10	2	2	5
9	2	2	2	2	2	2	2	2	4	4	4	2	3
10	2	6	2	6	6	6	4	4	2	1	6	2	4
11	6	4	6	4	4	0	4	10	8	4	2	4	5
12	4	2	6	12	6	6	8	8	1	2	10	4	6
13	2	8	8	10	8	16	10	2	10	2	2	4	7
14	4	8	12	12	16	16	20	20	16	16	16	20	14
15	18	12	2	8	18	10	12	6	4	4	10	16	10
16	25	18	23	18	12	12	22	12	14	16	27	27	19
17	12	12	6	8	10	4	16	1	6	4	6	2	7
18	4	0	2	2	6	6	8	2	1	4	4	4	4
19	1	6	8	8	10	8	6	6	6	12	10	12	8
20	14	14	18	8	0	0	5	5	2	6	5	13	8
21	20	17	13	17	7	1	2	9	4	1	1	3	8
22	2	4	0	6	1	0	0	3	2	3	6	6	3
23	13	26	17	13	6	18	4	2	5	5	7	2	10
24	3	5	4	10	11	13	5	3	7	3	7	6	6
25	9	7	0	5	0	2	2	8	6	2	4	2	4
26	6	2	5	2	7	15	2	6	2	4	13	6	5
27	5	5	7	3	5	6	8	5	7	5	13	6	6
28	13	10	8	23	17	16	19	22	27	25	22	11	18
29	21	13	21	19	15	20	6	7	17	9	16	10	15
30	19	23	19	14	17	7	11	18	28	11	11	7	15
MEAN	9	9	8	9	8	7	7	7	8	7	8	7	8

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	5	2	6	3	3	4	3	0	5	1	3
2	7	0	2	2	2	3	0	4	0	2	6	2	3
3	1	0	0	2	1	2	4	2	2	5	7	3	2
4	6	3	5	5	2	3	1	7	1	2	6	13	5
5	8	4	5	8	5	2	4	2	3	4	2	2	4
6	6	3	5	3	0	2	3	4	1	2	5	4	3
7	5	1		****	****	0	7	0	5	7	2	7	4
8	5	11	16	13	16	22	19	17	19	11	13	9	14
9	6	11	11	9	7	3	13	9	5	2	0	9	7
10	6	3	4	0	2	2	3	0	3	4	2	6	3
11	3	8	16	11	7	5	2	4	2	9	5	2	6
12	4	7	12	11	3	3	9	9	7	8	5	12	8
13	11	10	13	16	4	5	5	4	4	5	1	7	7
14	7	5	4	13	7	5	12	****	****	****	****	****	****
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	10	4	5	2	4	9	3	****
23	4	7	4	5	10	6	6	4	12	15	9	9	8
24	13	13	7	9	6	8	4	7	2	2	2	0	6
25	4	6	2	15	15	17	14	****	****	****	****	****	****
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	6	6	7	8	6	6	6	5	4	5	5	6	6

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	8	7	32	22	16	21	6	****
4	6	2	4	2	4	1	1	2	1	3	3	4	3
5	1	1	1	1	4	2	1	0	1	3	2	2	2
6	2	0	4	4	4	0	3	4	0	2	3	0	2
7	2	3	4	9	7	7	3	2	2	2	5	2	4
8	2	6	2	10	9	5	4	4	3	5	19	17	7
9	4	9	10	12	20	16	15	16	21	18	11	14	14
10	12	9	17	16	17	21	22	10	33	6	4	2	14
11	2	1	3	0	4	6	0	4	3	2	0	0	2
12	3	4	2	3	5	4	4	9	6	12	13	15	7
13	20	21	14	6	4	2	4	9	12	11	11	8	10
14	9	11	8	7	6	3	****	****	****	****	****	****	****
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	6	6	6	6	8	6	6	8	9	7	8	6	7

PERCENTAGE OF DATA VALID - 35

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH AUG 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	****	7	12	8	3	2	7	33	****
8	12	7	8	12	19	13	11	11	15	12	5	4	11
9	7	5	3	5	8	9	10	8	8	2	3	8	6
10	5	8	9	9	12	6	9	5	13	5	9	8	8
11	9	7	10	12	10	8	15	4	5	4	4	1	7
12	0	1	6	6	3	5	11	12	2	2	6	6	5
13	9	8	3	8	6	4	4	4	8	5	4	10	6
14	8	10	6	7	9	5	5	4	5	10	2	3	6
15	6	5	4	3	6	8	2	9	6	2	7	6	5
16	8	3	4	9	6	4	2	4	3	0	3	2	4
17	2	4	0	1	3	1	4	1	2	2	1	2	2
18	2	7	0	8	11	11	12	10	5	2	2	5	6
19	5	10	****	****	****	****	****	****	****	****	****	****	****
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	6	6	5	7	8	7	8	7	6	4	4	7	6

PERCENTAGE OF DATA VALID - 37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH OCT 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	****	****	****	****	13	18	11	10	8	8	****
9	10	18	13	18	12	5	17	16	9	9	10	10	12
10	4	1	5	3	4	2	2	1	0	2	4	4	3
11	4	3	5	5	3	3	2	2	6	2	0	0	3
12	0	4	4	5	7	8	****	****	****	****	****	****	****
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	5	7	7	8	7	5	9	9	7	6	6	6	6

PERCENTAGE OF DATA VALID - 12

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	6	4	5	4	3	4	****
4	4	6	2	9	7	6	5	8	8	11	10	10	7
5	2	4	2	3	6	6	7	7	9	13	4	2	5
6	6	2	1	4	5	5	5	1	7	6	6	8	5
7	2	1	1	3	12	11	12	10	8	6	1	2	6
8	4	12	9	13	8	7	8	2	3	3	4	12	7
9	12	7	13	15	25	20	****	****	****	****	****	****	****
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	****	****	****	****	16		13	10	11	****
19	9	12	9	10	12	12	12	11	19	15	13	14	12
20	15	13	8	14	12	8	4	9	4	5	6	1	8
21	2	0	0	4	2	3	5	4	13	11	4	6	5
22	8	8	7	5	5	7	8	7	6	2	4	2	6
23	0	4	3	3	1	2	3	5	8	5	6	6	4
24	4	7	4	7	11	4	5	9	7	17	4	5	7
25	2	4	4	5	7	10	10	13	13	7	7	9	8
26	7	11	8	11	10	18	17	13	17	17	9	9	12
27	9	3	6	7	9	8	8	11	12	11	7	7	8
28	5	3	7	3	4	10	5	7	7	9	4	5	6
29	4	6	2	2	6	7	5	9	8	6	2	0	5
30	4	1	3	3	6	5	3	8	7	17	16	19	8
MEAN	6	6	5	7	8	8	7	8	9	9	6	7	7

PERCENTAGE OF DATA VALID - 61

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	17	11	7	12	18	20	16	17	16	14	7	2	13
2	3	1	4	3	3	7	1	5	3	4	9	5	4
3	2	3	2	2	14	16	13	13	9	7	7	3	8
4	5	2	3	4	4	3	2	3	9	11	11	13	6
5	9	5	7	4	12	18	19	17	15	11	5	2	10
6	5	2	2	3	5	4	2	2	0	2	3	0	3
7	4	2	0	2	8	6	8	7	17	9	5	7	6
8	7	8	5	8	11	9	14	17	18	22	13	15	12
9	12	5	10	7	6	7	8	9	11	9	5	5	8
10	5	6	4	3	6	5	8	8	15	11	6	10	7
11	7	5	2	3	8	7	3	5	9	5	2	8	5
12	4	2	4	4	5	4	9	5	2	4	6	6	5
13	6	5	3	4	2	7	4	5	8	2	2	2	4
14	2	2	4	6	5	8	10	14	16	10	12	11	8
15	6	7	3	9	10	14	10	6	7	6	7	12	8
16	11	12	10	8	10	8	****	****	****	****	****	****	****
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	7	5	4	5	8	9	8	9	10	8	7	7	7

PERCENTAGE OF DATA VALID - 50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - MERRICK ST HAMILTON

NO 29015

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	9	7	12	22
FEB	28	5	10	17
MAR	31	6	13	56
APR	30	8	19	28
MAY	18	6	14	22
JUN		DATA MISSING		
JUL	12	7	14	33
AUG	13	6	11	33
SEP		DATA MISSING		
OCT	5	6	12	18
NOV	20	7	12	25
DEC	16	7	13	22
YEAR	182	6	19	56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MERRICK ST HAMILTON

NO 29015

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	38	33	21	6	1	0	0	99
FEB	181	125	29	1	0	0	0	336
MAR	184	131	40	12	2	0	1	370
APR	145	118	43	38	16	0	0	360
MAY	96	71	23	8	1	0	0	199
JUN		DATA MISSING						
JUL	72	29	13	11	6	2	0	133
AUG	52	70	17	1	0	1	0	141
SEP		DATA MISSING						
OCT	23	16	4	5	0	0	0	48
NOV	70	103	36	11	1	0	0	221
DEC	61	83	27	14	1	0	0	186
YEAR	922	779	253	107	28	3	1	2093

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
57	0	1.0	2.7	4.8	7.5	12.8	16.0	19.3	21.5	56	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	0	2	3	5	0	2	2	3	3	2
2	3	5	2	5	2	16	7	6	4	2	3	2	5
3	1	0	5	2	1	0	2	2	0	3	2	3	2
4	0	3	0	2	1	3	2	2	3	4	16	5	3
5	3	3	3	3	3	5	4	2	2	3	3	3	3
6	3	2	2	3	3	5	2	4	6	3	3	2	3
7	6	3	3	2	4	6	6	6	3	9	7	13	6
8	7	3	3	5	5	11	19	21	14	10	7	13	10
9	9	7	12	11	12	11	10	5	7	7	9	9	9
10	12	13	7	13	11	5	9	6	3	3	3	2	7
11	0	3	2	2	2	2	2	2	2	0	0	3	2
12	0	3	0	2	2	1	0	0	3	0	4	1	1
13	2	9	3	0	2	2	2	2	2	3	3	2	3
14	2	5	0	5	1	0	1	6	2	1	11	5	3
15	4	5	6	6	8	1	4	2	3	3	2	3	4
16	2	3	4	0	1	2	3	5	0	2	7	4	5
17	0	2	0	0	3	7	5	5	12	6	7	7	5
18	5	5	7	7	5	4	4	3	5	4	5	2	1
19	1	3	0	0	2	1	3	0	2	2	2	0	1
20	0	2	2	2	2	2	0	2	2	2	2	1	2
21	2	2	2	3	2	2	2	3	3	2	0	5	2
22	2	2	0	3	2	2	2	0	4	2	2	0	2
23	0	2	2	2	2	0	1	2	2	2	2	3	2
24	2	2	2	5	0	3	4	5	2	5	0	2	3
25	3	0	1	0	0	3	4	3	0	2	0	0	1
26	2	2	0	3	3	2	2	3	3	5	4	2	3
27	3	3	3	3	4	3	2	2	4	2	1	3	3
28	2	4	0	3	2	5	****	0	2	3	0	2	2
MEAN	3	4	3	4	3	4	4	3	3	3	4	4	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	3	5	5	12	8	9	7	6	11	8	7
2	8	7	7	6	9	6	5	3	7	5	4	7	6
3	5	3	5	7	5	8	9	5	4	9	7	9	6
4	9	9	5	11	10	13	10	11	9	5	3	6	8
5	5	3	0	3	2	2	0	0	3	2	2	2	2
6	4	2	3	2	5	2	2	0	2	2	2	0	2
7	4	2	2	2	3	5	2	2	0	4	2	0	2
8	2	0	3	0	0	0	3	2	2	2	2	0	1
9	0	2	5	2	2	2	2	0	2	2	2	0	2
10	2	3	2	1	3	2	1	3	1	0	1	2	2
11	0	0	2	2	0	0	2	3	0	3	1	2	1
12	2	1	2	2	2	3	3	2	2	0	2	2	1
13	2	2	3	2	0	2	2	2	2	0	0	0	1
14	2	2	0	2	2	0	3	0	2	4	0	3	2
15	4	2	2	2	2	0	0	2	2	0	2	1	2
16	2	2	2	2	1	1	2	0	2	2	0	0	1
17	2	0	0	2	1	5	0	2	2	3	5	7	2
18	13	9	9	5	7	9	10	9	5	9	8	9	9
19	5	7	5	****	8	2	3	8	10	8	7	10	7
20	11	11	12	12	9	2	1	2	2	0	1	2	5
21	3	0	2	0	3	0	2	7	5	5	3	7	3
22	5	8	10	8	5	8	3	6	1	5	2	2	5
23	3	3	5	4	3	1	1	2	2	2	0	1	2
24	3	2	1	0	0	0	0	2	3	2	4	2	2
25	0	1	0	6	0	2	3	5	0	2	2	3	2
26	6	5	9	6	15	8	3	0	3	2	2	2	5
27	1	0	1	4	1	1	1	4	3	0	3	0	2
28	0	0	0	1	2	2	2	3	0	6	2	2	2
29	5	0	3	2	2	4	2	5	3	2	2	3	3
30	1	1	3	7	0	3	2	4	3	4	9	0	3
31	3	2	0	****	4	2	2	2	0	2	0	2	2
MEAN	4	3	3	4	4	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	9	5	5	2	9	3	7	7	11	9	2	6
2	7	9	4	5	3	2	3	2	2	0	3	0	3
3	0	0	2	1	4	2	2	5	1	3	5	3	2
4	1	2	0	2	0	0	1	3	0	4	2	1	1
5	3	4	3	3	5	2	0	1	0	0	9	8	3
6	13	5	8	11	18	17	7	4	****	5	8	1	9
7	3	1	7	0	3	0	0	2	0	2	2	2	2
8	5	4	2	5	0	0	2	3	2	6	1	3	3
9	0	2	2	0	0	0	1	2	0	2	0	0	1
10	3	0	2	0	0	0	0	5	0	2	2	3	1
11	3	****	0	2	0	2	0	3	2	5	2	2	2
12	1	5	2	6	2	4	3	3	8	5	5	3	4
13	3	7	11	9	9	7	7	10	15	3	5	7	7
14	2	15	5	6	5	11	16	9	9	11	****	5	9
15	2	4	5	5	****	3	3	2	****	6	5	6	4
16	4	16	19	17	4	16	3	7	9	3	8	8	10
17	3	3	6	2	2	5	0	2	0	1	0	3	2
18	1	2	0	2	5	2	0	2	0	2	4	5	2
19	4	0	6	2	3	3	4	0	8	5	7	5	4
20	9	8	1	4	2	2	3	0	5	1	6	13	5
21	17	15	0	3	0	3	2	1	0	2	2	0	4
22	3	0	2	1	1	2	1	2	3	4	16	18	5
23	12	5	2	0	2	4	3	0	4	2	1	0	3
24	1	1	5	7	0	10	7	2	5	0	2	5	4
25	1	0	1	5	3	4	0	2	4	2	2	2	2
26	3	2	0	2	0	0	0	6	3	0	0	2	2
27	9	2	1	2	2	2	3	26	3	3	2	3	5
28	4	7	17	28	17	21	21	21	15	14	15	18	17
29	7	12	7	11	16	15	19	21	19	11	6	10	13
30	11	17	12	16	22	18	20	11	2	2	4	21	13
MEAN	5	5	5	5	4	5	4	5	5	4	5	5	5

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	26	8	4	5	7	0	2	4	2	5	3	4	6
2	0	0	0	2	2	0	1	2	0	3	1	0	1
3	0	2	4	4	0	0	0	0	0	4	1	2	1
4	2	1	5	4	2	6	2	0	2	5	1	2	3
5	0	0	0	2	2	2	4	0	0	0	0	5	1
6	0	0	0	0	0	2	0	0	0	0	3	1	1
7	3	2	2	0	3	2	0	0	5	2	2	1	2
8	1	2	3	9	6	7	5	22	9	14	21	13	9
9	4	14	9	13	17	8	6	10	8	9	4	4	9
10	4	4	3	9	9	5	3	0	0	3	0	2	4
11	4	0	0	0	2	0	7	11	5	5	3	4	3
12	0	2	8	5	3	5	7	13	16	9	8	5	7
13	4	0	2	7	4	7	9	14	9	11	8	9	7
14	5	3	7	5	0	6	6	5	12	6	2	7	5
15	10	6	3	3	2	2	9	15	6	8	3	8	7
16	3	9	6	7	11	3	3	0	7	0	0	0	4
17	2	0	0	1	1	0	3	0	2	0	0	0	1
18	0	0	2	2	3	2	1	3	0	0	0	0	2
19	2	0	0	2	3	0	1	0	2	3	1	0	1
20	2	2	2	0	0	2	5	5	6	2	2	2	3
21	3	8	5	13	11	16	18	14	2	3	13	11	10
22	2	2	0	0	5	2	4	0	2	1	2	4	2
23	9	2	4	7	5	7	2	3	2	9	7	2	5
24	6	2	4	3	3	9	4	2	7	2	7	1	4
25	0	0	5	5	12	13	3	17	11	2	2	0	6
26	5	2	0	4	0	2	2	0	1	2	2	0	2
27	0	1	0	1	1	3	0	0	1	1	3	2	1
28	2	3	5	5	7	6	7	13	9	13	9	7	7
29	3	5	11	10	3	7	10	3	4	2	4	3	5
30	5	10	3	12	1	3	0	0	2	2	2	3	4
31	2	0	3	3	2	2	1	2	3	2	0	0	2
MEAN	4	3	3	5	4	4	4	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	4	0	2	0	2	4	0	4	2	2	2
2	0	0	3	0	3	2	2	4	2	1	2	2	2
3	0	1	0	7	2	4	0	1	4	0	0	3	2
4	0	2	6	6	6	13	3	6	2	4	9	1	5
5	2	3	0	0	2	2	0	0	3	2	0	3	1
6	4	3	2	4	3	3	0	2	2	2	2	3	3
7	0	0	2	4	4	0	3	0	2	4	4	2	2
8	3	0	2	2	3	7	2	4	4	0	0	3	3
9	1	2	2	3	4	3	3	0	3	3	3	3	3
10	6	2	4	5	4	7	5	3	3	3	2	5	4
11	0	2	5	5	4	2	4	3	4	3	3	3	3
12	3	2	0	6	6	3	8	10	1	7	0	0	4
13	3	0	0	7	3	2	3	1	4	5	3	0	3
14	7	0	2	2	7	2	6	7	13	7	9	5	6
15	3	9	5	4	****	****	****	****	****	****	****	****	****
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29	****	****	****	0	2	0	3	3	0	2	2	0	1
30	2	9	0	1	2	2	0	1	1	1	4	3	2
MEAN	2	2	2	3	4	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	3	2	2	3	5	2	8	3	4	9	4
2	2	1	2	0	3	3	5	7	3	2	7	8	4
3	10	5	8	8	13	9	7	3	9	11	13	13	9
4	9	3	0	2	2	3	1	0	0	2	0	5	2
5	0	0	2	4	0	2	0	0	2	0	2	1	1
6	2	2	2	1	1	2	0	3	0	3	0	5	2
7	2	0	3	0	3	4	3	0	5	0	3	2	2
8	5	2	0	4	1	8	3	1	10	0	1	3	3
9	10	3	8	10	15	7	7	5	9	17	10	11	9
10	10	8	11	5	5	4	11	3	3	5	4	3	6
11	0	3	1	3	0	3	1	0	4	0	2	2	2
12	3	2	3	1	3	2	4	0	0	2	2	5	2
13	4	2	6	5	15	8	9	5	5	5	3	3	6
14	1	5	9	3	2	3	5	7	2	2	5	2	4
15	1	0	5	2	0	5	0	2	1	5	2	3	2
16	1	3	2	2	2	0	0	0	0	2	0	0	1
17	0	2	0	3	3	2	4	3	0	3	2	3	2
18	1	0	2	3	2	0	4	0	5	1	0	0	2
19	1	1	7	7	7	3	5	5	2	4	8	3	4
20	0	5	2	3	2	2	1	0	2	5	3	2	2
21	1	3	2	2	1	2	0	3	2	2	4	3	2
22	2	0	2	1	0	2	2	5	1	4	2	4	2
23	2	9	5	5	15	13	10	7	11	3	4	2	7
24	3	9	11	10	17	15	15	14	15	10	5	5	11
25	2	3	1	5	3	4	0	4	3	5	4	0	3
26	2	2	2	1	4	3	3	1	5	2	0	4	2
27	0	5	2	2	3	3	0	3	4	2	3	0	2
28	1	2	4	3	0	3	5	2	4	2	2	4	3
29	2	3	3	2	7	5	9	7	3	4	9	5	5
30	2	3	4	3	3	3	0	3	5	3	2	0	3
31	0	3	2	3	5	2	4	0	5	5	5	3	3
MEAN	3	3	4	3	4	4	4	3	4	4	3	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	0	4	1	3	0	2	2	3	3	1	2
2	2	3	0	0	1	2	0	2	0	0	2	2	1
3	1	2	0	0	0	2	2	2	2	0	1	1	2
4	0	3	0	0	0	3	3	3	0	5	4	3	2
5	2	0	2	5	8	3	0	3	3	1	0	2	2
6	2	3	0	2	6	0	2	3	3	0	4	0	2
7	0	3	4	4	9	4	3	5	3	2	5	3	4
8	3	2	0	5	12	2	11	6	7	5	1	3	5
9	5	5	0	3	7	4	6	0	7	2	3	3	4
10	3	0	2	2	12	10	6	7	9	5	5	7	6
11	2	4	7	3	7	7	3	0	2	3	2	2	4
12	2	3	1	0	2	5	7	5	5	1	0	5	3
13	5	3	5	2	5	3	3	0	5	2	5	5	4
14	5	3	2	4	3	5	2	2	3	4	3	5	3
15	7	5	3	5	2	7	0	5	0	2	4	7	5
16	2	5	4	2	0	2	4	4	2	1	0	1	2
17	0	0	5	3	7	2	0	1	2	2	0	0	3
18	3	2	0	4	8	2	5	2	0	5	2	2	3
19	2	2	9	4	2	2	2	5	0	5	0	0	2
20	3	3	3	3	3	1	2	2	0	5	0	0	2
21	1	2	1	3	****	****	****	****	****	****	****	****	****
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	2	2	2	3	5	3	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	6	2	0	2	3	1	2	1	0	4	1	2
2	3	1	0	5	5	3	5	0	1	2	2	2	2
3	2	0	0	3	2	2	2	5	3	2	1	2	2
4	0	0	2	0	2	2	2	2	2	0	0	0	1
5	2	3	0	1	2	0	1	2	0	0	0	1	1
6	2	0	1	2	1	1	0	2	0	3	2	0	1
7	0	0	5	5	9	3	6	3	3	0	3	4	3
8	3	0	3	9	9	2	3	2	2	5	3	5	4
9	3	3	3	0	2	2	3	3	2	2	6	0	2
10	2	2	5	2	2	4	0	3	2	0	0	2	2
11	0	0	2	0	3	0	2	0	2	0	0	1	1
12	0	4	0	5	4	0	3	1	0	3	3	2	2
13	1	3	2	3	0	2	3	0	0	0	3	2	2
14	2	2	2	2	1	4	4	4	5	5	5	3	3
15	6	2	2	0	5	2	6	7	5	6	4	4	4
16	7	2	0	0	2	0	1	3	1	0	0	0	1
17	2	0	2	5	3	2	9	3	2	5	5	7	4
18	3	7	4	6	10	7	3	2	5	0	1	2	4
19	0	2	2	0	3	2	0	0	0	2	3	2	1
20	2	3	5	0	3	3	0	1	7	9	6	8	4
21	11	7	9	2	4	2	2	2	6	2	0	2	4
22	1	0	0	2	0	2	0	2	1	0	2	3	1
23	3	0	3	2	2	4	1	5	3	5	7	5	3
24	5	0	5	3	8	9	8	6	2	2	0	0	4
25	0	0	0	0	2	3	4	0	2	5	3	5	2
26	2	2	2	3	3	3	0	2	0	1	0	2	2
27	0	4	2	2	0	0	0	0	2	2	0	0	1
28	2	0	0	5	3	1	3	0	2	2	0	2	2
29	2	0	0	1	0	3	0	3	0	2	2	0	1
30	3	2	5	2	3	2	0	3	3	0	3	2	2
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	0	1	2	2	0	2	6	2	3	2
2	2	0	5	2	3	3	4	0	2	2	2	0	2
3	3	0	2	2	2	2	2	0	0	2	0	0	2
4	2	2	2	2	3	0	2	0	2	2	2	3	2
5	5	1	3	0	3	0	0	0	1	2	4	6	2
6	7	3	2	5	0	0	2	2	3	6	3	3	3
7	4	5	3	5	9	3	7	27	26	16	13	13	11
8	13	15	9	15	19	20	15	19	16	7	9	3	13
9	5	2	11	11	6	3	7	17	11	12	9	8	9
10	7	4	3	2	3	3	1	2	0	0	2	3	3
11	2	2	3	3	5	6	2	5	0	3	2	1	3
12	6	2	2	6	4	5	0	3	2	1	3	2	3
13	3	5	4	11	5	6	5	3	5	5	3	5	5
14	3	5	10	13	3	3	0	0	7	2	3	5	5
15	2	0	1	0	2	2	2	3	0	3	0	0	1
16	5	0	0	2	1	5	0	3	2	0	2	3	2
17	0	3	0	2	5	0	2	7	0	0	0	3	2
18	1	2	2	2	0	3	5	0	2	0	3	3	2
19	2	3	2	3	5	0	3	9	3	3	3	3	3
20	7	2	6	8	13	17	10	7	3	9	2	3	7
21	3	2	2	3	2	3	1	6	3	8	5	1	3
22	5	2	7	3	6	2	3	5	5	5	2	1	4
23	3	3	3	4	4	11	7	3	3	3	2	5	4
24	2	5	4	3	9	4	5	2	4	4	3	7	4
25	5	2	5	2	3	0	2	2	0	2	5	4	3
26	2	2	3	6	4	2	2	2	3	4	5	3	3
27	2	2	5	16	7	5	****	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	3	4	5	5	4	4	5	4	4	3	3	4

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	****	****	****	0	2	0	2	2	3	****
7	2	2	5	2	0	3	3	2	3	3	3	3	3
8	4	5	2	0	3	5	7	2	2	5	3	3	3
9	7	5	3	11	19	3	5	3	5	2	2	0	5
10	2	3	2	4	2	4	1	4	2	1	0	3	2
11	4	3	2	4	7	9	3	8	3	5	7	6	5
12	5	4	2	3	0	4	3	1	3	0	0	2	3
13	0	2	3	0	2	0	2	2	0	0	0	0	1
14	5	0	1	1	2	2	3	2	2	3	2	2	2
15	4	2	1	2	0	1	1	0	0	0	1	0	1
16	0	0	2	2	2	0	3	0	0	2	2	5	2
17	1	3	0	2	2	0	2	0	3	2	4	3	2
18	1	9	5	4	2	3	3	2	5	2	2	4	4
19	4	4	4	8	4	3	3	1	5	2	5	7	4
20	9	4	8	4	5	2	2	2	0	2	2	0	3
21	0	0	2	2	0	2	3	0	3	2	5	3	2
22	3	0	2	0	3	2	3	0	4	2	0	2	1
23	0	0	2	0	2	0	3	1	3	0	2	1	1
24	1	2	2	2	3	0	3	0	0	0	1	3	1
25	3	1	3	0	2	3	1	0	2	****	4	3	2
26	8	3	3	3	2	5	5	10	2	4	6	2	4
27	3	8	5	3	6	4	5	0	12	6	8	5	5
28	13	6	2	0	6	4	6	5	9	7	5	4	6
29	4	6	3	9	7	5	4	4	5	4	5	4	5
30	3	3	0	0	5	2	0	2	4	3	11	3	3
MEAN	4	3	3	3	4	3	3	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

MONTH DEC 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	11	10	8	10	10	15	13	6	5	1	1	8
2	2	2	1	3	0	2	2	3	0	4	4	3	2
3	0	0	4	2	7	5	15	8	7	10	5	3	6
4	5	4	4	4	5	4	0	4	0	0	2	4	3
5	2	2	2	4	4	7	5	1	0	3	2	0	3
6	1	2	4	0	0	2	2	2	2	3	2	2	2
7	2	0	8	3	0	2	3	3	0	2	3	2	2
8	2	3	4	1	6	5	7	2	2	3	12	6	4
9	4	2	5	4	7	8	4	5	7	0	2	3	4
10	2	2	2	6	8	6	2	2	4	6	7	1	4
11	5	7	7	7	7	9	6	7	11	4	5	7	7
12	9	4	2	6	2	10	9	6	9	3	3	5	6
13	3	4	3	2	0	0	7	2	3	2	4	0	3
14	2	2	2	5	4	3	2	2	7	6	0	3	3
15	2	2	0	2	5	2	3	5	8	7	10	4	4
16	6	15	7	7	7	6	5	5	5	18	14	5	8
17	7	5	7	5	15	0	2	2	3	8	0	5	5
18	3	3	3	7	1	0	3	2	2	2	7	5	3
19	3	5	7	7	2	5	5	3	1	2	0	1	3
20	5	2	2	1	2	2	5	2	1	0	3	0	2
21	3	1	7	3	5	5	7	5	3	9	3	12	5
22	4	2	5	3	5	3	9	1	5	6	3	2	4
23	7	5	2	9	6	9	4	5	5	4	5	4	5
24	0	2	4	7	3	2	2	0	3	1	3	1	2
25	4	2	0	4	2	5	6	11	2	10	7	4	5
26	2	7	3	3	2	5	2	0	2	4	3	0	3
27	3	7	9	7	2	2	3	1	4	3	2	5	4
28	0	3	4	2	2	3	3	3	2	0	***	1	2
29	2	2	7	6	0	2	3	2	2	3	4	4	3
30	0	7	2	6	9	6	4	4	4	2	4	4	4
31	3	1	2	0	7	9	6	9	11	7	7	7	6
MEAN	3	4	4	4	4	4	5	4	4	4	4	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	28	3	10	21
MAR	31	3	9	15
APR	30	5	17	28
MAY	31	4	10	26
JUN	17	3	6	13
JUL	31	4	11	17
AUG	21	3	6	12
SEP	30	2	4	11
OCT	27	4	13	27
NOV	25	3	6	19
DEC	31	4	8	18
YEAR	302	4	17	28

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 78 MOUNTAIN AVE HAMILTON

NO 29016

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	251	63	14	3	1	0	0	332
MAR	270	89	11	0	0	0	0	370
APR	225	81	21	20	8	0	0	355
MAY	251	90	23	5	3	0	0	372
JUN	160	31	2	0	0	0	0	193
JUL	268	85	17	2	0	0	0	372
AUG	185	56	3	0	0	0	0	244
SEP	301	58	1	0	0	0	0	360
OCT	220	74	14	8	2	0	0	318
NOV	233	55	4	1	0	0	0	293
DEC	235	123	12	1	0	0	0	371
YEAR	2599	805	122	40	14	0	0	3580

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
89	0	0.4	1.2	2.1	3.6	7.3	9.9	14.2	16.4		28	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	13	13	12	12	5	2	3	4	2	3	2	1	6
2	6	8	7	10	9	12	2	2	7	6	9	8	7
3	11	11	11	6	6	4	5	2	7	8	8	5	7
4	12	9	7	9	7	3	4	6	3	4	8	6	7
5	5	5	9	10	10	8	2	4	5	7	9	10	7
6	10	6	9	8	9	6	2	1	5	7	5	4	6
7	7	3	4	8	9	10	6	4	7	7	4	6	6
8	6	6	5	8	5	6	7	5	3	2	3	3	5
9	7	5	8	4	4	6	7	6	5	5	2	2	5
10	1	0	2	1	1	0	2	2	1	2	3	4	2
11	5	2	2	7	3	3	4	8	9	6	14	10	6
12	10	7	13	7	6	7	7	13	6	6	2	3	7
13	4	2	3	5	0	0	1	3	2	3	3	0	2
14	2	2	2	0	1	2	1	4	3	3	9	5	3
15	2	3	7	13	8	16	11	9	7	13	11	11	9
16	9	17	29	25	19	***	10	10	14	9	9	5	14
17	2	5	9	4	3	9	4	1	5	2	4	5	4
18	0	0	2	2	0	3	2	3	4	10	7	6	3
19	7	7	11	8	10	14	7	4	4	4	3	4	7
20	4	6	5	7	5	5	5	1	7	3	2	6	5
21	0	0	2	4	2	4	2	2	4	3	4	3	3
22	2	4	3	4	3	6	7	5	5	4	7	3	4
23	9	4	5	8	9	8	3	3	2	1	0	3	5
24	4	3	5	6	5	2	3	5	8	8	10	8	6
25	10	10	5	10	14	13	9	8	12	13	9	3	10
26	4	2	3	2	4	6	8	2	7	8	13	13	6
27	14	11	12	6	10	11	10	7	7	3	3	3	8
28	8	6	6	5	10	6	10	14	8	10	8	10	8
29	6	6	0	5	9	6	2	0	3	3	0	0	3
30	0	3	5	5	5	1	4	6	3	0	3	3	3
31	6	12	12	8	9	9	9	3	5	4	3	3	7
MEAN	6	6	7	7	6	6	5	5	6	5	6	5	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	2	9	10	2	7	3	2	8	7	2	11	6
2	11	7	11	13	19	14	13	2	11	8	2	2	9
3	3	7	4	0	0	1	4	4	0	1	6	0	3
4	2	2	3	8	3	3	38	21	19	18	15	23	13
5	19	41	21	47	21	11	6	6	9	7	7	5	17
6	10	5	2	6	8	8	5	2	8	6	10	9	7
7	7	7	9	7	8	8	12	10	6	12	19	15	10
8	15	11	12	17	8	19	17	17	11	7	12	7	13
9	14	5	2	7	8	3	7	9	6	10	14	8	8
10	17	14	14	9	7	4	4	6	7	2	5	4	8
11	2	2	3	4	0	0	2	4	0	0	2	7	2
12	1	1	2	3	4	5	2	7	10	5	0	8	4
13	0	2	0	2	8	1	0	8	5	1	2	6	3
14	9	11	9	13	12	2	3	0	0	5	14	8	7
15	8	10	8	5	10	6	6	4	5	1	2	2	6
16	0	2	3	5	2	7	3	0	0	0	5	5	3
17	8	3	3	11	10	12	7	13	9	15	16	14	10
18	5	11	9	12	5	7	10	9	9	7	10	2	8
19	4	0	0	0	0	19	2	6	4	5	5	5	5
20	0	4	0	4	5	3	2	1	4	3	7	4	3
21	3	0	4	7	7	2	5	5	4	9	9	6	5
22	4	1	4	4	0	0	2	3	0	5	2	1	2
23	0	3	5	5	4	2	2	3	3	6	4	3	3
24	3	1	4	2	10	10	4	5	10	10	5	6	6
25	2	2	0	3	2	3	1	0	3	4	1	7	2
26	6	4	2	5	2	6	4	2	9	3	6	5	5
27	6	4	3	8	3	6	2	2	0	7	2	2	4
28	7	6	15	11	6	2	2	3	2	4	5	10	6
MEAN	6	6	6	8	6	6	6	6	6	6	7	7	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	9	12	11	5	8	7	2	4	6	6	5	7
2	5	5	8	7	9	2	3	8	10	9	9	11	7
3	5	2	10	8	3	6	4	5	4	6	6	10	6
4	11	10	9	7	16	14	15	5	7	5	8	7	10
5	10	1	3	7	4	8	4	4	5	7	0	2	5
6	0	5	4	3	3	3	4	0	3	6	5	5	3
7	2	6	6	4	8	5	2	4	7	0	1	0	4
8	0	2	0	7	3	3	4	0	5	0	1	0	2
9	1	7	8	4	2	0	0	2	2	0	0	2	2
10	6	5	0	8	4	6	1	2	1	0	1	0	3
11	4	4	0	5	5	1	5	2	3	2	1	4	3
12	4	4	4	8	2	1	5	5	8	2	3	7	4
13	5	2	4	6	8	4	4	1	2	4	4	4	4
14	2	2	6	1	2	0	4	2	4	6	4	6	3
15	6	2	2	1	2	2	4	2	2	4	2	1	3
16	4	4	2	1	1	0	2	4	6	4	4	4	3
17	2	6	2	2	2	4	4	6	6	12	16	14	6
18	14	12	8	4	2	1	10	6	12	8	6	10	8
19	8	12	6	8	10	14	2	8	14	14	10	6	9
20	16	10	8	12	14	6	6	4	6	6	8	4	8
21	2	4	1	1	2	4	1	4	4	6	8	10	4
22	8	4	4	2	6	12	8	10	8	6	8	2	7
23	4	6	12	4	2	****	****	****	****	****	****	****	****
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31	****	****	****	****	****	0	8	4	6	4	8	10	****
MEAN	5	5	5	5	5	5	5	4	6	5	5	5	5

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	12	6	6	14	8	1	4	8	6	8	8	8
2	8	8	8	8	2	4	4	2	2	2	6	5	5
3	4	1	2	2	4	2	4	2	1	6	2	1	3
4	2	4	2	2	1	2	1	1	6	2	8	4	3
5	2	1	1	1	0	0	1	2	2	8	10	14	4
6	20	18	6	8	14	6	22	12	16	10	8	4	12
7	6	4	1	4	6	2	4	4	2	6	4	10	4
8	6	6	4	6	1	1	6	4	2	1	2	8	4
9	1	2	2	1	2	2	4	6	2	0	2	4	2
10	2	2	2	2	1	2	1	0	1	2	4	2	2
11	6	6	1	1	1	1	1	4	4	4	4	1	3
12	4	4	2	2	6	2	6	4	4	8	6	6	5
13	4	12	8	4	2	6	4	4	2	4	6	4	5
14	6	4	6	12	10	12	12	10	12	18	20	20	12
15	12	8	1	10	6	12	6	12	10	8	10	18	9
16	12	20	18	10	6	1	22	12	10	16	20	18	14
17	16	8	4	6	6	1	1	6	6	4	0	0	5
18	1	2	2	6	2	4	1	6	4	4	6	1	3
19	4	6	8	6	6	8	12	12	8	10	8	0	7
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	****	6	6	4	18	22	14	****
23	12	16	10	1	6	1	4	4	6	8	4	6	7
24	8	8	8	4	1	4	2	2	1	4	2	2	4
25	4	2	2	2	1	2	1	2	1	6	36	5	5
26	8	4	2	6	0	4	1	2	8	6	8	8	5
27	6	6	1	6	6	4	2	10	2	8	14	16	7
28	18	20	22	20	22	12	12	14	16	12	18	16	17
29	14	12	18	25	12	18	10	10	8	16	16	18	15
30	14	27	25	25	****	20	****	****	****	****	****	****	****
MEAN	8	8	6	7	5	5	6	6	5	7	8	9	7

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - CHATHAM/FRID HAMILTON

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	28	5	4	8	5	7	7	11	2	1	5	2	7
2	5	2	0	2	4	0	3	5	2	0	5	0	2
3	0	0	3	1	0	2	2	6	4	5	2	6	2
4	4	5	3	0	7	5	7	5	5	3	5	2	4
5	4	6	13	10	7	2	3	3	0	5	0	3	5
6	2	2	2	0	1	2	4	1	0	3	2	3	2
7	6	3	5	3	5	3	2	3	3	7	2	3	4
8	2	10	7	18	25	13	20	41	23	20	18	19	18
9	14	17	17	16	12	5	7	11	22	11	4	5	12
10	9	11	7	12	13	5	4	3	4	2	5	0	6
11	2	7	5	9	3	6	3	2	0	3	0	2	4
12	2	0	0	3	2	0	0	0	3	2	3	0	1
13	0	0	0	2	0	0	0	2	0	2	0	0	0
14	2	0	3	2	0	0	0	0	2	2	3	0	1
15	0	2	0	0	3	1	0	0	3	1	0	0	1
16	4	0	0	0	3	3	0	2	1	0	0	2	1
17	0	0	0	1	0	2	3	0	0	1	2	0	1
18	0	0	0	1	5	2	0	2	3	1	1	0	1
19	0	2	0	3	0	0	0	2	2	2	1	0	1
20	2	2	2	0	1	2	0	0	0	0	0	1	1
21	0	0	2	0	0	2	3	0	3	3	0	2	1
22	0	0	0	0	1	2	0	0	2	0	0	0	0
23	2	0	3	0	3	0	2	0	0	0	0	0	1
24	2	0	3	0	0	0	2	1	0	2	0	2	1
25	3	0	0	0	1	0	1	0	0	2	0	2	1
26	0	1	2	0	2	0	0	0	3	3	0	3	1
27	0	0	2	1	0	0	2	1	0	1	0	0	1
28	0	1	0	2	0	2	2	0	2	0	0	1	1
29	3	0	0	1	0	0	3	2	1	0	2	0	1
30	0	4	0	0	2	0	0	0	0	0	0	0	1
31	1	0	0	2	0	0	0	2	0	0	0	0	0
MEAN	3	3	3	3	3	2	3	3	3	3	2	2	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - CHATHAM/FRID HAMILTON

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	2	0	0	0	****	****	****	****	****	****	****
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	0	1	2	0	0	0	****	****	****	****	****	****	1

PERCENTAGE OF DATA VALID - 1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7	****	****	****	****	6	7	4	6	2	4	2	8	5
8	3	6	7	6	6	5	8	1	9	6	8	2	6
9	2	2	2	5	4	6	14	8	3	2	4	6	5
10	4	10	8	13	9	5	8	8	9	3	8	8	8
11	16	8	9	8	2	2	8	3	3	5	2	2	6
12	7	3	2	5	2	1	8	5	3	2	0	4	4
13	3	12	16	9	9	5	3	2	2	4	4	7	6
14	11	9	7	7	5	3	6	2	5	2	7	5	6
15	3	9	7	6	2	5	2	5	6	2	10	7	5
16	3	5	5	5	8	9	2	6	4	8	0	8	5
17	6	20	16	2	2	1	1	0	0	3	6	2	5
18	5	8	3	10	13	3	4	2	8	0	7	4	6
19	5	6	12	11	3	9	2	10	3	4	2	1	6
20	7	4	9	5	5	2	2	3	0	1	0	6	4
21	8	2	1	6	0	1	0	0	2	2	0	6	2
22	4	6	6	6	2	5	8	1	2	4	3	5	4
23	2	4	1	3	2	3	1	7	2	5	3	2	3
24	5	6	5	10	1	3	0	2	3	3	3	5	4
25	2	4	2	4	3	4	7	6	3	1	2	1	3
26	4	7	7	6	7	3	5	4	4	4	7	1	5
27	9	6	2	7	2	2	7	2	6	4	8	5	5
28	14	3	4	4	6	4	5	4	2	1	2	1	4
29	0	3	2	2	0	2	2	1	0	2	1	6	2
30	2	2	3	1	2	2	5	5	0	1	3	0	2
31	5	3	2	0	2	2	0	3	5	0	2	2	2
MEAN	5	6	6	6	4	4	4	4	3	3	4	4	4

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	4	4	2	2	2	1	2	0	3	2
2	2	6	6	9	8	3	1	2	0	4	0	7	4
3	5	0	0	5	6	6	9	4	4	1	5	2	4
4	2	0	2	0	3	5	5	0	4	0	3	0	2
5	3	3	4	3	2	2	2	0	0	2	3	3	2
6	3	2	2	2	2	1	1	1	0	1	6	5	2
7	1	3	5	1	4	11	2	4	3	0	3	0	3
8	0	4	6	11	13	3	2	5	4	5	4	6	5
9	9	11	2	1	2	4	1	5	2	20	7	2	6
10	2	2	8	3	5	1	4	0	2	3	3	0	3
11	2	2	3	3	2	0	2	1	0	2	2	4	2
12	2	6	4	6	6	0	2	2	3	3	1	3	3
13	3	1	3	3	0	2	3	0	4	0	0	2	2
14	0	0	5	6	2	2	0	7	1	2	9	4	3
15	4	2	3	4	4	2	2	7	2	5	9	4	4
16	7	0	4	0	2	4	0	0	0	5	2	2	2
17	5	6	15	12	3	4	9	6	3	7	5	6	6
18	5	0	4	4	3	2	3	0	5	3	3	2	4
19	2	0	2	3	3	2	2	2	0	3	4	6	2
20	1	2	4	4	1	1	0	10	2	10	10	9	5
21	23	17	3	0	2	7	4	3	4	2	2	0	6
22	3	2	7	5	3	5	2	3	2	2	5	4	4
23	1	5	2	5	3	3	4	1	3	3	9	3	4
24	5	3	1	3	4	10	9	2	4	2	0	2	4
25	2	2	5	5	3	2	4	4	5	9	10	8	5
26	3	5	6	2	3	5	0	2	0	2	2	2	3
27	2	2	2	0	0	0	3	2	3	5	5	4	2
28	3	7	2	3	2	1	2	0	7	2	2	5	3
29	6	2	2	3	3	2	2	2	7	3	3	0	3
30	8	3	1	3	2	4	0	4	2	2	2	0	3
MEAN	4	3	4	4	3	3	3	2	3	3	4	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	1	0	3	1	5	5	12	7	12	13	5
2	9	6	5	4	7	6	2	2	7	0	2	1	5
3	3	3	3	3	0	2	6	2	2	3	1	4	2
4	3	2	3	0	0	0	4	20	25	9	3	13	7
5	12	7	2	0	4	5	6	13	13	14	13	3	8
6	4	4	4	3	6	5	6	7	11	10	12	7	7
7	17	15	14	10	23	28	22	22	21	15	25	21	19
8	28	29	19	21	19	15	9	6	12	16	19	25	18
9	33	21	3	12	19	7	21	17	19	19	12	9	16
10	1	1	2	2	5	2	5	7	4	5	3	5	4
11	7	7	3	2	3	1	3	3	3	2	4	0	3
12	5	5	5	5	2	1	3	4	4	10	3	5	4
13	9	7	4	5	4	9	6	7	11	10	13	19	9
14	33	13	4	4	4	3	3	0	3	0	3	0	6
15	2	0	2	1	5	0	2	3	5	0	3	2	3
16	7	3	2	0	0	0	0	3	5	5	4	2	3
17	6	2	5	4	3	3	5	4	3	5	2	5	4
18	6	5	5	0	2	2	6	3	4	2	2	7	4
19	9	4	3	0	2	3	4	6	19	8	5	8	6
20	22	15	17	12	7	3	7	11	5	3	4	3	9
21	2	2	4	2	9	6	12	9	8	5	6	7	6
22	5	10	5	3	8	2	7	2	3	3	2	5	5
23	3	9	8	11	2	5	9	8	11	5	10	9	8
24	9	9	7	1	1	5	7	9	4	7	10	7	6
25	0	4	0	2	2	4	2	4	3	2	2	4	2
26	3	5	5	2	****	****	****	****	9	4	0	4	4
27	4	3	5	13	10	10	9	6	4	4	4	5	7
28	8	7	6	10	7	9	5	4	10	8	9	8	8
29	3	5	6	12	9	11	2	7	7	5	5	6	7
30	3	4	4	5	5	9	8	8	5	2	1	3	5
31	3	7	7	6	11	2	0	2	2	2	2	2	4
MEAN	8	7	5	5	6	5	6	7	8	6	6	7	6

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	4	4	2	3	2	2	7	10	15	10	5
2	4	2	2	2	3	4	1	4	3	6	4	4	3
3	4	2	1	2	3	3	2	4	3	4	3	3	3
4	2	4	2	4	3	4	4	3	3	4	3	3	3
5	4	1	2	3	0	0	3	2	0	1	2	4	2
6	5	2	0	2	6	3	3	2	2	6	1	3	3
7	1	2	3	4	6	3	2	0	0	2	3	13	3
8	9	5	5	4	5	10	5	7	4	4	5	12	6
9	11	16	18	22	26	12	7	7	10	10	3	5	12
10	4	2	4	3	2	3	4	0	6	2	4	2	3
11	6	7	4	8	12	8	12	9	8	4	3	6	7
12	5	5	1	7	6	5	6	8	6	5	0	4	5
13	2	4	1	6	3	1	2	2	3	3	2	2	3
14	0	2	3	3	2	2	2	3	2	0	1	0	2
15	2	0	3	1	4	0	2	2	1	1	2	1	2
16	1	2	7	3	4	3	3	5	3	2	2	2	3
17	2	5	5	4	6	3	5	3	4	5	8	6	5
18	14	13	12	10	8	7	7	2	4	8	9	1	8
19	5	4	6	8	7	10	7	5	10	7	8	9	7
20	13	12	9	10	11	2	2	5	2	1	1	0	6
21	0	0	1	1	2	1	2	2	0	2	3	12	2
22	7	6	6	2	2	8	3	2	2	1	0	0	3
23	0	2	3	2	2	1	1	1	6	3	3	4	2
24	0	3	2	2	4	2	2	6	3	5	2	3	3
25	2	6	6	4	5	4	3	4	9	2	3	2	4
26	4	6	7	5	6	5	5	5	6	9	2	5	5
27	5	5	8	8	6	6	5	6	6	6	2	4	6
28	2	6	4	3	5	4	2	2	4	2	2	6	4
29	2	4	4	2	4	4	0	7	4	1	5	3	4
30	0	2	3	2	3	1	0	2	6	10	13	15	5
MEAN	4	4	5	5	5	4	3	4	4	4	4	5	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

MONTH DEC 70

STATION - CHATHAM/FRID HAMILTON	NO 29017	MONTH DEC 70	MEAN										
2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	16	8	6	10	19	16	15	12	8	5	1	5	10
2	2	2	2	3	1	2	2	2	6	5	6	8	3
3	3	2	4	2	10	12	14	***	7	3	3	7	6
4	2	1	2	5	2	1	1	5	1	2	0	7	2
5	2	3	7	4	5	8	3	3	1	0	0	0	3
6	2	3	4	1	3	2	2	2	2	4	2	2	2
7	6	0	4	8	9	2	0	3	7	3	5	6	4
8	10	8	6	7	5	5	***	5	9	9	6	5	7
9	8	6	6	3	4	6	7	12	8	2	3	4	6
10	5	5	1	2	5	2	0	6	9	7	7	6	5
11	4	8	6	5	4	7	6	4	5	5	10	2	6
12	5	3	2	2	2	6	3	6	3	3	4	3	4
13	0	5	2	6	4	2	2	2	6	3	1	4	3
14	3	3	8	7	8	3	2	2	8	5	2	4	5
15	2	6	2	0	7	4	2	5	6	9	9	9	5
16	12	10	8	9	11	13	****	****	****	****	****	****	****
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29	****	****	****	****	****	****	****	****	7	8	8	4	****
30	9	9	11	16	23	10	4	3	10	12	18	18	12
31	15	9	6	11	12	8	7	11	3	5	4	4	8
MEAN	6	5	5	6	7	6	4	5	6	5	5	5	5

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - CHATHAM/FRID HAMILTON

NO 29017

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	14	29
FEB	28	6	17	47
MAR	24	5	10	16
APR	28	7	17	36
MAY	31	3	18	41
JUN	1	1	0	2
JUL	DATA MISSING			
AUG	25	4	8	20
SEP	30	3	6	23
OCT	31	6	19	33
NOV	30	4	12	26
DEC	19	5	12	23
YEAR	278	5	19	47

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - CHATHAM/FRID HAMILTON

NO 29017

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	159	174	33	3	2	0	0	371
FEB	152	131	34	12	4	1	2	336
MAR	146	108	19	3	0	0	0	276
APR	158	99	28	28	9	1	0	323
MAY	308	41	10	8	4	0	1	372
JUN	6	0	0	0	0	0	0	6
JUL	DATA MISSING							
AUG	167	117	8	4	0	0	0	296
SEP	271	80	6	2	1	0	0	360
OCT	171	136	31	13	15	2	0	368
NOV	235	105	16	2	2	0	0	360
DEC	100	90	14	6	1	0	0	211
YEAR	1873	1081	199	81	38	4	3	3279

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81	0	0.6	1.7	3.3	5.6	10.0	13.3	18.6	21.4	47	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	9	9	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	4	4	1	1	4	4	2
10	1	1	2	2	1	1	2	2	6	6	2	2	4	4	4	1	1	2	1	1	4	4	2	2	2
11	4	4	1	1	2	2	0	0	6	6	1	1	10	10	8	8	0	0	1	1	2	2	2	2	3
12	4	4	4	4	1	1	2	2	6	6	6	6	2	2	2	2	10	10	6	6	0	0	2	2	4
13	0	0	10	10	10	10	12	12	8	8	12	12	8	8	14	14	6	6	18	18	14	14	10	10	10
14	0	0	6	6	0	0	0	0	2	2	4	4	5	5	0	0	0	0	4	4	14	14	16	16	4
15	4	4	2	2	8	8	10	10	18	18	14	14	10	10	6	6	4	4	6	6	10	10	6	6	8
16	23	23	25	25	25	25	16	16	2	2	12	12	12	12	2	2	6	6	10	10	6	6	20	20	13
17	14	14	10	10	6	6	0	0	4	4	6	6	6	6	1	1	4	4	1	1	2	2	4	4	5
18	1	1	0	0	1	1	1	1	4	4	4	4	4	4	0	0	4	4	2	2	2	2	8	8	3
19	10	10	4	4	4	4	0	0	2	2	4	4	2	2	6	6	6	6	2	2	8	8	6	6	5
20	1	1	2	2	2	2	2	2	6	6	4	4	4	4	4	4	1	1	1	1	10	10	6	6	4
21	20	20	12	12	8	8	0	0	0	0	2	2	4	4	6	6	2	2	4	4	4	4	1	1	5
22	2	2	0	0	2	2	0	0	0	0	1	1	6	6	0	0	2	2	4	4	20	20	12	12	4
23	8	8	10	10	18	18	6	6	0	0	1	1	1	1	4	4	2	2	4	4	10	10	8	8	6
24	4	4	6	6	12	12	16	16	4	4	2	2	6	6	2	2	2	2	2	2	2	2	6	6	5
25	1	1	1	1	1	1	2	2	4	4	2	2	1	1	1	1	2	2	4	4	2	2	8	8	2
26	2	2	6	6	4	4	0	0	1	1	2	2	2	2	4	4	1	1	8	8	2	2	2	2	3
27	4	4	2	2	1	1	4	4	2	2	16	16	4	4	4	4	6	6	6	6	18	18	12	12	7
28	12	12	12	12	14	14	18	18	14	14	12	12	10	10	10	10	22	22	16	16	10	10	8	8	13
29	12	12	12	12	18	18	14	14	16	16	22	22	18	18	10	10	8	8	10	10	8	8	6	6	13
30	0	0	0	0	9	9	29	29	27	27	23	23	18	18	36	36	41	41	33	33	18	18	4	4	20
MEAN	6	6	6	6	7	7	6	6	6	6	7	7	6	6	6	6	6	6	7	7	8	8	7	7	6

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	8	8	0	0	1	1	4	4	4	4	8	8	2	2	4	4	2	2	0	0	0	0	3
2	2	2	1	1	2	2	1	1	4	4	1	1	0	0	4	4	2	2	4	4	1	1	4	4	2
3	8	8	1	1	0	0	6	6	0	0	0	0	2	2	4	4	1	1	2	2	4	4	4	4	3
4	2	2	12	12	2	2	6	6	10	10	8	8	0	0	2	2	8	8	2	2	1	1	6	6	5
5	14	14	1	1	4	4	1	1	1	1	1	1	1	1	2	2	2	2	6	6	4	4	0	0	3
6	0	0	1	1	0	0	1	1	2	2	1	1	1	1	0	0	1	1	2	2	4	4	2	2	1
7	8	8	6	6	2	2	6	6	6	6	1	1	0	0	2	2	2	2	4	4	6	6	6	6	4
8	12	12	6	6	22	22	20	20	27	27	25	25	18	18	22	22	16	16	10	10	10	10	12	12	17
9	14	14	14	14	14	14	12	12	8	8	16	16	6	6	10	10	8	8	8	8	4	4	6	6	10
10	10	10	8	8	25	25	6	6	0	0	0	0	1	1	1	1	1	1	4	4	2	2	1	1	5
11	12	12	12	12	0	0	2	2	3	3	3	3	8	8	21	21	7	7	9	9	5	5	7	7	7
12	13	13	13	13	15	15	9	9	15	15	13	13	8	8	12	12	8	8	8	8	11	11	13	13	12
13	20	20	7	7	10	10	8	8	18	18	13	13	26	26	29	29	11	11	3	3	15	15	11	11	14
14	8	8	13	13	15	15	20	20	13	13	5	5	7	7	5	5	10	10	13	13	21	21	12	12	12
15	10	10	9	9	21	21	16	16	16	16	8	8	19	19	16	16	6	6	5	5	11	11	4	4	12
16	7	7	12	12	8	8	18	18	13	13	8	8	4	4	0	0	5	5	4	4	3	3	2	2	7
17	0	0	9	9	3	3	5	5	3	3	0	0	4	4	2	2	2	2	3	3	4	4	2	2	3
18	3	3	5	5	7	7	5	5	0	0	0	0	3	3	3	3	0	0	0	0	5	5	3	3	3
19	4	4	4	4	5	5	9	9	4	4	2	2	1	1	0	0	5	5	2	2	4	4	5	5	4
20	2	2	2	2	4	4	5	5	5	5	3	3	9	9	13	13	18	18	19	19	12	12	8	8	8
21	4	4	3	3	9	9	20	20	14	14	18	18	23	23	36	36	13	13	26	26	31	31	28	28	19
22	5	5	5	5	9	9	6	6	7	7	2	2	3	3	4	4	4	4	5	5	19	19	11	11	7
23	4	4	12	12	5	5	7	7	9	9	4	4	12	12	9	9	7	7	5	5	9	9	16	16	8
24	21	21	27	27	19	19	13	13	4	4	3	3	2	2	3	3	15	15	17	17	21	21	6	6	13
25	0	0	1	1	12	12	13	13	14	14	31	31	38	38	25	25	16	16	3	3	2	2	9	9	14
26	3	3	0	0	3	3	2	2	4	4	0	0	8	8	9	9	0	0	9	9	8	8	5	5	4
27	4	4	2	2	6	6	3	3	0	0	0	0	1	1	3	3	2	2	2	2	12	12	5	5	3
28	7	7	3	3	7	7	3	3	8	8	12	12	12	12	6	6	9	9	16	16	5	5	4	4	8
29	19	19	21	21	23	23	11	11	6	6	6	6	7	7	18	18	23	23	25	25	11	11	9	9	15
30	6	6	8	8	11	11	4	4	5	5	2	2	4	4	4	4	2	2	2	2	15	15	14	14	6
31	4	4	0	0	3	3	1	1	0	0	1	1	0	0	1	1	2	2	2	2	4	4	4	4	2
MEAN	7	7	7	7	9	9	8	8	7	7	6	6	8	8	9	9	7	7	7	7	9	9	7	7	8

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																											
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - COHS/1000FEET X 10													
STATION - BARTON/WENTWORTH HAM. OAMST NO 29025														MONTH JUN 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	2	2	0	0	5	5	1	1	9	9	11	11	5	5	9	9	2	2	4	4	6	6	2	2	5		
2	2	2	0	0	5	5	7	7	4	4	2	2	2	2	3	3	2	2	0	0	1	1	6	6	3		
3	5	5	8	8	2	2	8	8	9	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
4	***	***	***	***	***	***	***	***	16	16	17	17	9	9	13	13	7	7	4	4	7	7	2	2	9		
5	2	2	0	0	6	6	4	4	2	2	3	3	2	2	0	0	2	2	6	6	2	2	3	3	3		
6	2	2	0	0	0	0	2	2	0	0	5	5	9	9	8	8	6	6	4	4	0	0	2	2	3		
7	2	2	2	2	6	6	5	5	0	0	2	2	2	2	4	4	2	2	4	4	4	4	4	4	3		
8	1	1	3	3	3	3	3	3	6	6	2	2	2	2	1	1	3	3	2	2	4	4	5	5	3		
9	2	2	3	3	5	5	5	5	3	3	4	4	4	4	4	4	3	3	6	6	5	5	0	0	4		
10	6	6	4	4	7	7	5	5	7	7	3	3	7	7	6	6	5	5	2	2	4	4	5	5	5		
11	4	4	2	2	4	4	8	8	5	5	2	2	4	4	2	2	5	5	6	6	6	6	4	4	4		
12	3	3	7	7	2	2	5	5	10	10	3	3	7	7	6	6	7	7	4	4	2	2	0	0	5		
13	11	11	4	4	7	7	12	12	4	4	6	6	7	7	7	7	0	0	5	5	8	8	0	0	6		
14	9	9	4	4	6	6	5	5	6	6	4	4	3	3	2	2	8	8	3	3	4	4	10	10	5		
15	5	3	8	14	4	5	6	19	12	22	14	23	25	19	17	16	23	11	8	14	13	14	10	6	13		
16	18	19	8	10	16	9	18	24	24	21	22	24	24	19	27	26	16	28	22	18	14	10	12	7	18		
17	5	5	5	5	11	11	8	8	6	6	7	7	3	3	4	1	2	1	1	1	1	1	2	1	4		
18	0	0	0	0	0	1	1	3	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1		
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0		
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21	1	5	5	6	5	2	4	2	3	3	3	5	6	2	2	1	2	2	1	1	2	2	3	2	3		
22	2	4	3	4	5	5	4	5	5	2	0	0	0	0	0	0	2	1	1	2	2	2	3	2	2		
23	3	2	3	2	3	7	6	5	3	1	2	1	2	1	2	1	2	1	1	2	2	2	2	2	2		
24	2	2	3	5	6	5	6	5	5	4	3	2	2	2	2	2	2	2	3	0	1	0	0	1	3		
25	1	0	0	0	0	0	0	1	0	2	2	2	2	2	4	5	3	2	1	3	1	3	6	6	2		
26	13	11	11	14	11	10	12	7	6	5	4	3	5	4	4	5	5	6	7	4	2	1	1	2	6		
27	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0		
28	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
29	0	0	0	0	0	3	2	2	2	2	3	3	1	1	2	2	0	0	0	0	0	0	0	0	1		
30	0	0	0	0	0	1	2	0	1	1	0	0	0	1	1	0	0	0	1	2	1	1	1	2	1		
MEAN	3	4	3	3	4	4	5	5	5	5	4	5	5	4	5	4	4	4	3	3	3	3	3	3	4		
PERCENTAGE OF DATA VALID - 97																											

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																											
POLLUTANT - PARTICULATES - SOILING INDEX														UNITS - COHS/1000FEET X 10													
STATION - BARTON/WENTWORTH HAM. OAMST NO 29025														MONTH JUL 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	5	2	1	1	0	0	0	4	4	18	****	1	0	0	2	0	0	0	2	0	0	1	1	0	2		
2	0	0	0	4	2	1	0	2	1	4	5	9	7	4	5	6	3	6	5	6	7	0	1	3	3		
3	1	8	2	0	2	2	0	****	3	7	0	3	1	18	18	****	****	****	****	****	****	****	****	****	****		
4	5	****	****	****	0	0	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	****		
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	0	0	0	0	0	0	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	0	0	0	0	0	0	2	3	3	1	2	0	1	1	1	1	1	1	0	1	1	0	0	0	1		
8	0	0	0	1	0	1	3	3	4	2	2	2	2	2	1	4	3	4	2	5	0	4	8	4	2		
9	0	2	1	1	1	0	15	13	15	11	9	9	5	5	5	6	2	****	6	13	4	5	5	7	6		
10	4	2	5	7	7	7	6	8	7	5	7	8	12	8	11	1	2	2	1	1	2	2	1	2	5		
11	3	0	0	1	0	3	1	2	1	2	0	0	0	0	3	0	0	0	0	0	3	1	2	****	1		
12	1	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	2	1	0		
13	11	0	4	3	5	4	6	6	10	11	10	7	4	6	7	5	7	7	7	4	6	4	5	4	6		
14	1	3	9	2	4	8	4	3	1	0	0	1	2	1	4	2	2	3	1	1	0	1	0	1	1		
15	0	0	0	0	0	0	1	1	0	2	****	4	2	2	0	2	2	1	1	0	0	0	0	1	1		
16	1	0	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0	0	3	2	0	0	0	0	0		
17	1	0	0	0	0	2	2	2	0	2	2	1	1	2	1	2	0	0	1	3	2	2	1	1	1		
18	1	0	2	1	0	1	0	0	0	0	0	4	3	2	3	3	5	6	4	0	0	0	0	0	1		
19	4	9	2	3	6	11	5	6	12	4	2	9	2	5	7	5	2	1	3	3	2	4	0	0	4		
20	0	0	0	0	0	2	0	0	****	0	2	2	0	2	2	5	0	0	0	0	0	0	0	0	1		
21	0	0	0	0	0	1	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0		
22	0	0	0	0	0	1	1	3	4	2	0	0	0	0	0	0	1	0	0	1	2	2	3	1	1		
23	4	6	5	4	8	7	11	13	14	9	7	8	4	6	8	7	6	7	6	6	4	2	0	1	6		
24	2	2	5	2	8	5	6	14	13	9	10	14	20	12	11	10	11	10	3	2	2	2	1	1	7		
25	2	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1		
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0		
27	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0		
28	0	0	1	1	0	2	2	2	1	1	1	1	3	0	0	2	1	0	0	0	1	4	4	2	1		
29	2	2	1	1	3	4	5	8	4	5	5	14	21	16	12	4	3	5	7	5	9	3	6	5	6		
30	3	2	1	3	1	2	2	1	1	1	1	2	3	2	1	3	2	1	1	1	1	1	1	2	2		
31	2	1	1	0	1	1	3	3	2	0	3	6	4	2	0	1	1	0	2	3	0	0	0	1	2		
MEAN	2	1	1	1	1	2	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	1	2	1	2		

PERCENT

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	1	1	2	5	4	3	5	7	10	0	2	3	2	2	1	0	1	1	1	1	1	1	2
6	3	3	3	2	1	5	5	3	5	2	2	2	5	4	6	4	2	0	1	3	3	4	10	21	5
7	2	2	6	5	4	7	15	5	3	7	4	4	3	4	2	3	1	6	9	7	14	8	2	0	2
8	26	10	4	4	5	5	8	14	9	12	10	6	4	2	3	1	6	9	7	14	8	2	0	2	7
9	6	5	4	3	3	2	1	5	5	5	3	1	5	3	4	4	5	3	6	5	3	6	5	2	4
10	2	2	0	3	2	6	8	9	15	8	7	4	6	4	7	10	12	12	10	14	8	4	5	8	7
11	6	7	4	4	7	12	10	10	6	5	9	10	6	5	3	3	2	0	1	2	3	2	3	0	5
12	3	0	1	0	3	3	5	2	2	3	6	2	4	2	6	2	0	1	1	1	2	3	3	1	2
13	2	3	4	3	4	5	6	5	3	1	4	1	1	1	0	3	1	1	1	2	1	1	2	3	2
14	2	2	2	3	2	3	5	4	3	2	2	1	1	2	2	1	2	1	2	2	2	1	2	2	1
15	1	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	3	1	1	2	1
16	1	1	1	2	1	2	1	1	0	0	0	0	0	0	0	0	1	1	0	0	2	4	0	0	1
17	3	5	2	2	1	5	6	6	5	5	0	4	9	6	5	8	5	2	2	2	1	3	0	3	4
18	3	3	4	5	10	11	10	5	6	6	5	3	1	6	2	4	13	2	3	0	2	1	1	2	5
19	2	0	1	0	3	3	3	3	2	1	1	1	1	1	1	2	1	0	0	1	0	3	0	3	1
20	1	3	2	1	0	1	3	1	1	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	1
21	6	8	4	3	2	3	6	3	9	3	3	1	3	5	4	5	2	0	7	3	2	3	2	2	4
22	3	2	2	3	0	1	1	1	0	0	0	0	0	3	4	4	8	1	2	2	2	1	0	1	2
23	1	0	1	4	1	5	9	8	2	2	2	0	0	1	2	2	0	2	3	0	1	0	3	2	2
24	4	3	4	3	2	6	7	7	7	0	2	2	2	0	3	3	2	2	0	3	3	2	6	2	3
25	2	2	6	3	3	2	4	5	1	1	1	2	2	3	0	1	4	3	4	1	3	3	1	1	2
26	4	4	4	3	0	4	8	7	4	4	2	1	5	10	5	7	9	7	6	4	4	4	2	5	5
27	8	2	2	2	2	2	2	2	0	1	2	2	3	1	2	1	3	1	0	0	1	0	0	1	1
28	3	1	0	0	0	1	0	0	1	0	3	0	0	4	2	0	0	0	0	0	0	0	0	0	1
29	7	7	6	4	5	3	4	4	4	5	4	2	2	1	1	2	1	1	2	3	4	1	2	3	3
30	1	1	1	1	1	3	3	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	2	4	3	2	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1
MEAN	3	2	2	2	2	4	5	4	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	0	2	3	5	3	1	0	0	0	0	1	0	0	1	1	1	1	2	2	1	
2	2	3	3	2	4	10	10	13	5	5	2	10	1	1	3	3	1	3	3	2	3	4	6	5	4
3	2	2	3	3	5	5	7	3	3	3	4	7	5	6	6	7	6	3	1	1	1	1	0	1	1
4	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	0	0
5	2	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
6	1	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	2
7	2	2	6	9	5	4	1	0	1	0	3	0	0	0	0	2	0	0	0	0	0	6	0	0	2
8	0	0	0	0	0	13	20	16	14	7	5	4	4	3	7	7	11	9	7	4	6	4	6	7	7
9	7	7	6	4	5	3	4	4	4	5	4	2	2	1	1	2	1	1	2	3	4	1	2	3	3
10	1	1	3	2	2	4	5	14	4	4	4	2	1	1	1	2	1	0	0	1	1	1	1	1	2
11	0	1	0	0	1	3	4	8	4	1	1	0	1	2	1	4	1	1	3	1	1	1	1	1	2
12	1	1	1	6	7	8	12	18	13	6	1	1	1	1	3	2	1	1	3	3	2	3	3	3	4
13	1	2	3	3	3	4	4	4	2	1	0	0	1	7	4	2	0	0	0	5	5	4	10	3	3
14	7	6	4	6	8	7	7	10	6	8	7	7	12	14	10	7	6	1	5	6	7	7	13	5	7
15	4	7	5	10	9	16	12	19	11	12	10	8	6	8	10	12	9	14	9	4	4	8	14	10	10
16	10	7	4	8	6	4	6	7	3	3	3	1	1	1	2	2	1	1	1	1	1	2	5	4	4
17	8	19	5	6	6	11	32	23	14	9	13	5	9	5	10	13	6	10	6	7	4	12	11	12	11
18	13	12	14	13	11	8	15	14	6	9	3	26	14	6	3	3	6	9	11	8	12	8	7	12	11
19	10	13	11	6	8	11	10	7	4	2	0	1	1	2	1	0	2	1	3	1	1	4	3	5	4
20	8	8	14	13	12	16	20	10	9	6	3	3	2	2	2	5	16	11	15	12	8	19	15	15	10
21	11	12	9	17	21	18	13	6	7	7	5	4	3	3	4	4	3	3	2	4	1	2	2	3	7
22	1	3	2	1	2	5	8	7	5	3	3	2	2	2	20	4	5	2	3	3	2	3	3	2	4
23	5	2	2	2	7	12	8	12	7	7	7	5	4	3	4	10	10	8	9	17	12	15	12	8	
24	11	8	12	9	6	12	9	7	12	19	17	27	25	23	17	3	3	2	2	1	1	0	4	0	10
25	1	0	2	4	1	6	19	11	6	3	2	2	3	2	1	1	1	3	3	4	3	3	5	7	4
26	5	4	6	1	2	3	3	3	7	1	1	1	2	1	1	1	0	1	1	0	0	0	0	0	2
27	0	0	0	0	0	0	2	2	3	3	0	0	2	1	0	1	0	0	1	2	2	3	1	1	1
28	4	2	2	3	3	4	8	5	6	18	1	0	0	0	1	0	0	0	0	3	3	4	1	2	3
29	3	1	7	6	5	6	9	7	4	10	3	1	3	5	7	10	1	1	1	2	3	4	6	4	5
30	3	1	1	4	1	7	10	11	8	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MEAN	4	4	4	5	5	7	9	8	6	5	4	4	4	3	4	3	3	3	3	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 99

UNITS - COHS/1000FEET X 10

PERCENTAGE OF DATA VALID - 100

UNITS - COHS/1000FEET X 10

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	11	12	19	12	11	16	31	28	25	19	20	26	26	33	20	14	13	13	12	7	6	5	3	17
2	2	2	2	2	3	9	6	7	2	8	8	7	5	6	9	7	8	10	11	10	7	5	6	6	6
3	4	5	4	9	9	10	22	9	9	10	23	22	13	12	14	10	14	9	11	13	13	14	13	12	12
4	14	6	6	9	7	10	12	12	5	5	8	3	24	1	5	4	3	8	5	5	6	5	11	23	8
5	11	11	9	8	7	13	7	7	7	7	10	5	3	4	4	2	4	5	4	11	3	4	3	3	6
6	4	2	3	3	1	3	3	3	5	4	2	1	0	0	1	4	23	7	8	8	10	11	14	5	5
7	6	8	7	8	2	2	2	2	2	2	2	1	1	1	0	3	17	12	3	6	5	7	14	11	5
8	12	7	10	16	20	23	16	18	11	10	14	11	11	15	11	7	23	19	15	14	11	9	11	11	14
9	8	8	8	9	7	8	11	11	5	13	8	11	8	10	10	10	11	12	13	10	9	11	11	8	10
10	7	8	12	13	14	14	5	6	1	8	7	6	4	4	15	16	18	18	13	11	13	10	14	8	10
11	6	12	9	7	9	7	9	11	8	4	14	11	11	7	10	12	15	12	15	8	7	16	10	9	10
12	5	9	14	12	11	8	8	7	3	11	11	6	7	10	15	12	7	6	6	5	4	5	3	4	8
13	3	3	6	2	6	3	3	9	6	19	21	16	18	14	14	19	17	18	13	7	15	8	13	22	11
14	20	19	10	23	9	23	14	14	1	4	12	7	9	8	9	13	22	15	19	11	16	18	16	25	14
15	21	9	13	2	3	15	16	12	***	19	3	3	3	4	10	9	11	11	8	14	17	19	21	18	11
16	14	14	13	14	20	19	23	5	23	12	9	14	11	***	11	16	14	15	10	9	11	10	8	13	7
17	10	9	17	7	8	9	15	14	2	6	4	5	6	4	***	***	***	3	***	***	***	***	4	4	7
18	3	6	7	8	5	9	12	23	***	***	***	***	***	6	7	9	15	13	10	9	9	10	9	9	7
19	9	10	10	10	10	8	8	9	2	9	9	7	6	4	4	4	3	4	5	6	6	8	4	4	7
20	1	2	4	8	5	5	3	11	7	6	4	3	3	4	4	4	6	6	6	6	8	8	6	7	5
21	7	7	7	1	1	0	1	2	***	***	***	***	***	***	***	***	***	***	***	***	3	2	3	3	***
22	2	3	2	3	4	5	5	5	8	5	7	6	4	3	3	3	7	2	3	5	1	2	2	2	4
23	1	3	4	19	3	5	8	5	1	5	6	6	6	6	5	7	6	6	5	9	7	6	2	7	6
24	3	3	4	2	2	2	3	4	8	5	8	5	4	6	5	5	4	4	3	4	5	5	4	3	4
25	11	8	5	6	5	8	7	7	1	8	6	10	8	4	9	8	8	7	5	9	10	10	6	9	7
26	12	9	15	16	15	15	12	16	1	15	12	9	4	4	4	4	2	3	5	5	6	8	4	4	8
27	4	6	9	5	5	4	3	3	2	2	2	1	1	1	1	3	3	4	5	8	7	10	20	11	5
28	9	6	7	17	7	11	16	17	6	6	5	5	4	2	4	5	7	8	8	13	8	10	6	12	8
29	8	5	5	4	3	6	9	7	***	2	4	3	3	4	3	6	9	12	15	11	7	9	7	10	7
30	8	11	13	8	15	15	21	22	13	3	13	9	7	5	6	6	9	9	13	13	7	7	16	18	11
31	16	18	22	13	15	15	7	11	1	2	9	2	3	4	5	4	5	3	3	4	3	3	2	2	7
MEAN	8	8	9	9	8	10	9	11	6	8	9	7	8	6	8	8	10	10	9	9	8	9	9	9	8

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR			DATA MISSING	
APR	22	6	20	41
MAY	31	8	19	38
JUN	30	4	18	28
JUL	31	2	7	21
AUG	31	2	7	26
SEP	30	4	11	32
OCT	31	10	23	54
NOV	30	8	15	33
DEC	31	8	17	33
YEAR	267	6	23	54

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	296	132	42	36	16	4	2	528
MAY	338	208	100	48	42	8	0	744
JUN	473	173	25	15	14	0	0	700
JUL	597	95	22	5	1	0	0	720
AUG	600	116	11	0	2	0	0	729
SEP	463	171	59	19	6	1	0	719
OCT	193	268	141	79	50	7	6	744
NOV	225	302	114	49	27	3	0	720
DEC	193	309	140	47	26	2	0	717
YEAR	3378	1774	654	298	184	25	8	6321

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95	0	0.4	1.4	3.6	7.0	13.6	17.9	22.7	26.1	54	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	2	0	0	2	4	0	3	0	5	5	2
3	2	0	4	0	2	1	0	2	0	2	1	0	1
4	0	5	1	7	2	2	2	2	2	2	1	3	2
5	2	0	3	8	7	2	2	2	5	0	0	0	3
6	2	0	0	0	2	0	1	0	3	0	0	0	1
7	2	3	2	0	0	1	0	4	0	3	2	3	2
8	2	2	0	2	5	7	2	7	0	0	0	2	3
9	2	5	2	7	3	4	3	3	0	7	2	2	3
10	2	2	8	2	5	0	****	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21	****	****	****	****	****	****	- DATA MISSING -						****
22							5	3	1	2	0	3	6
23	0	4	6	7	7	5	9	18	4	5	1	2	3
24	3	0	1	6	1	0	2	5	2	3	0	4	1
25	2	1	2	1	0	0	0	2	2	1	2	3	2
26	2	3	2	3	2	4	0	1	1	0	2	1	1
27	1	1	2	0	2	0	1	2	0	0	0	3	2
28	6	4	2	0	4	6	3	0	1	1	2	0	2
29	0	0	0	1	21	11	0	6	0	0	0	2	3
30	1	3	4	5	3	8	7	3	3	3	0	2	4
MEAN	2	2	2	3	4	3	2	4	2	2	1	2	2

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	5	1	2	1	2	1	1	0	2	2	2
2	0	4	0	2	1	2	3	1	3	1	1	1	2
3	2	4	0	0	0	5	3	2	2	4	2	4	2
4	0	2	3	0	0	0	0	3	0	3	3	1	1
5	2	0	0	2	0	0	0	2	1	3	1	4	2
6	3	2	1	3	2	2	3	2	2	3	2	1	2
7	3	0	2	6	4	10	3	0	2	4	5	4	7
8	2	2	5	8	4	2	5	4	0	2	2	4	3
9	2	3	4	8	9	6	4	3	4	1	3	0	3
10	0	2	2	6									
11	3	5	2	3	5	3	1	0	0	2	0	2	2
12	2	1	2	3	2	0	2	2	2	0	2	2	2
13	1	5	4	3	2	6	2	0	0	0	0	0	2
14	2	2	4	4	12	36	11	15	8	3	0	2	8
15	0	0	3	2	5	4	0	2	2	2	2	2	2
16	2	4	4	3	0	4	4	3	1	0	2	8	3
17	0	2	0	4	6	7	3	2	1	3	0	2	2
18	2	4	8	2	3	1	3	1	3	1	1	2	1
19	0	1	1	3	0	2	3	1	0	2	0	0	1
20	3	0	5	2	3	2	5	4	3	2	0	4	3
21	1	2	4	2	2	0	2	1	2	0	2	3	2
22	2	3	4	5	8	3	6	5	3	4	2	1	4
23	5	1	4	8	2	5	2	2	2	1	2	2	3
24	1	0	2	4	1	5	5	5	3	4	3	2	3
25	5	3	2	7	2	4	2	3	3	2	2	3	3
26	3	3	1	2	4	2	2	2	2	0	4	2	2
27	2	3	1	2	3	2	4	4	2	2	3	0	2
28	4	0	0	2	5	1	1	9	5	2	3	2	5
29	2	1	2	5	5	8	12	12	0	2	4	4	5
30	4	6	2	2	3	9	12	11	5	0	5	4	5
31	3	4	0	8	4	4	3	3	4	2	2	5	4
MEAN	2	2	2	3	4	4	3	3	2	2	2	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH AUG 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	5	6	3	3	2	0	0	3	1	2	3	3
2	4	7	6	2	2	0	1	3	3	3	0	0	3
3	1	2	2	3	0	2	2	2	0	3	4	8	2
4	6	3	3	0	1	2	1	1	2	3	2	3	2
5	2	3	1	5	2	0	2	2	0	2	2	0	2
6	1	1	3	6	8	6	11	2	0	2	0	6	4
7	2	2	4	5	7	6	12	2	2	5	6	5	5
8	0	2	3	2	3	2	3	2	2	1	1	0	2
9	2	2	1	2	2	2	2	2	2	1	4	3	2
10	2	3	2	2	8	2	3	2	4	4	1	5	3
11	4	2	2	6	2	8	4	1	0	6	3	8	4
12	8	4	0	9	10	2	1	3	4	8	7	5	5
13	4	4	5	10	13	2	6	2	3	4	5	6	5
14	10	7	8	11	15	18	21	16	6	2	5	4	10
15	11	8	6	8	3	7	3	4	3	2	3	4	5
16	4	5	2	3	1	7	1	3	1	2	2	1	3
17	4	0	7	12	2	3	2	0	0	1	0	0	3
18	2	6	5	8	4	3	2	0	0	2	0	3	3
19	4	8	4	9	2	5	5	0	2	2	3	2	4
20	4	3	2	21	24	11	2	8	5	6	1	10	8
21	9	10	6	5	2	2	1	0	4	2	2	4	4
22	2	0	2	4	4	0	1	0	0	0	2	2	1
23	0	0	2	0	0	2	0	2	1	4	4	4	2
24	0	3	4	8	4	4	3	2	0	0	6	8	4
25	4	1	4	8	5	9	6	11	0	4	2	2	5
26	3	3	5	13	10	11	10	4	4	6	7	2	7
27	6	3	2	4	1	0	1	0	2	0	1	4	2
28	2	0	1	2	4	6	6	3	5	0	0	6	3
29	1	7	3	2	0	2	0	4	1	4	2	2	2
30	2	0	2	3	0	1	2	2	2	2	1	7	2
31	8	2	1	3	4	2	6	3	3	1	2	5	3
MEAN	4	3	3	6	5	4	4	3	2	3	3	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH SEP 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	12	8	4	2	2	2	4	2	3	4
2	4	4	3	12	12	7	2	0	3	0	2	4	4
3	0	0	7	4	54	24	8	8	5	4	3	2	10
4	2	3	0	0	1	2	4	5	4	3	4	5	3
5	5	5	6	6	1	8	2	4	4	8	8	6	5
6	1	11	4	3	4	6	1	0	2	4	3	2	3
7	6	2	2	4	0	5	2	2	0	2	2	1	2
8	1	3	4	3	3	6	9	1	4	2	3	10	4
9	2	8	12	13	8	3	2	6	6	11	4	5	7
10	1	6	4	10	2	1	2	2	6	2	3	5	4
11	9	7	7	7	2	2	7	3	8	2	0	3	5
12	7	2	2	9	1	4	2	5	3	3	5	3	4
13	4	3	4	2	3	0	1	0	2	0	0	0	2
14	2	0	2	0	2	3	0	2	0	2	0	2	1
15	0	0	2	0	5	2	4	3	2	1	2	4	2
16	7	5	7	4	7	6	2	5	5	3	0	7	5
17	5	4	9	16	4	4	2	2	5	0	0	5	5
18	3	2	3	2	3	5	2	4	5	5	7	2	4
19	4	2	5	3	7	0	2	0	0	2	4	1	3
20	7	2	2	2	6	0	2	0	2	2	5	5	3
21	5	5	7	4	7	6	7	1	6	0	0	3	4
22	2	2	2	3	7	3	2	5	3	3	5	2	3
23	5	3	2	10	3	5	2	0	5	0	2	0	3
24	2	0	3	3	0	0	0	2	4	3	7	0	2
25	0	3	3	15	3	3	3	5	2	3	7	6	4
26	4	1	5	2	2	5	2	2	2	4	4	2	3
27	6	0	3	10	6	2	5	2	3	2	5	2	4
28	2	2	3	2	5	4	1	2	2	2	2	0	5
29	5	8	12	11	5	4	1	2	2	2	4	0	4
30	2	0	7	6	17	4	1	5	2	0	4	0	4
MEAN	4	3	4	6	6	4	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH OCT 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	2	3	4	4	2	5	3	5	3	6	3
2	5	3	13	9	3	5	4	1	7	2	5	3	5
3	2	2	0	2	4	2	0	2	1	1	1	0	1
4	2	1	0	1	0	2	2	1	4	2	3	1	2
5	7	2	5	6	4	7	8	4	2	3	5	5	5
6	5	3	4	2	3	2	5	3	4	3	4	9	4
7	7	7	16	13	10	9	7	13	12	12	11	12	11
8	12	15	20	13	11	7	8	4	4	3	5	11	9
9	9	8	10	7	6	7	7	3	6	7	5	0	6
10	2	0	0	3	2	0	2	2	0	2	6	5	2
11	6	2	2	0	2	3	1	2	2	1	0	1	2
12	2	0	2	2	4	5	4	4	3	5	5	4	3
13	2	2	7	5	7	3	5	4	3	2	5	3	4
14	7	3	6	7	4	5	2	3	1	3	2	2	4
15	2	0	2	2	5	2	3	3	5	1	2	4	3
16	4	1	5	9	11	7	3	5	3	2	2	2	5
17	0	9	9	9	6	16	9	9	3	2	4	7	7
18	10	2	9	12	10	1	7	2	3	1	3	3	3
19	2	2	1	2	2	7	6	6	7	0	0	2	3
20	3	3	3	3	5	5	4	5	5	2	3	2	4
21	3	2	3	5	6	5	4	2	2	3	3	3	3
22	5	3	3	3	2	2	6	5	2	3	3	4	3
23	1	2	2	3	1	5	6	8	10	4	3	1	4
24	2	3	1	2	3	1	3	2	2	2	4	4	2
25	2	2	3	1	2	0	0	1	2	2	2	0	1
26	0	3	1	2	***	***	1	3	4	2	2	3	2
27	1	5	1	9	15	7	4	2	0	2	3	0	4
28	3	1	5	5	10	7	3	2	0	2	9	7	5
29	3	5	6	5	4	10	7	2	2	3	3	2	5
30	5	1	5	2	5	3	5	3	2	2	1	5	3
31	4	1	2	4	2	5	4	0	2	2	2	2	3
MEAN	4	3	5	5	5	5	4	4	3	3	4	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

MONTH NOV 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	7	3	0	1	1	2	2	3	10	9	4
2	3	5	2	6	8	***	4	2	3	2	1	7	4
3	1	4	2	2	1	3	2	2	2	0	1	3	2
4	2	2	0	4	2	6	5	1	4	2	4	6	3
5	4	4	3	5	5	2	1	2	5	2	4	4	3
6	4	2	2	3	6	1	3	2	2	6	5	4	3
7	3	2	2	7	5	2	0	1	1	1	0	2	2
8	2	2	1	9	9	2	1	3	2	0	2	9	4
9	8	6	7	20	15	7	5	***	***	***	***	***	***
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	***	***	***	***	***	***	17	6	14	3	6	0	***
19	4	8	10	11	7	8	14	9	9	10	8	9	9
20	13	5	4	9	8	2	2	2	1	3	2	0	4
21	0	2	3	0	2	3	3	0	0	2	3	8	2
22	2	7	7	2	4	8	2	1	3	0	2	3	3
23	6	2	0	4	5	5	5	2	3	7	2	2	4
24	3	2	1	6	6	0	***	2	3	2	5	3	3
25	2	2	2	3	3	8	4	9	3	6	2	5	5
26	4	4	4	7	6	9	10	11	9	3	5	4	6
27	3	7	9	7	11	4	4	3	8	2	3	7	6
28	10	3	2	2	0	2	0	5	4	3	3	2	3
29	2	0	0	3	1	3	2	6	3	8	2	2	3
30	1	2	2	8	4	5	0	3	7	5	5	4	4
MEAN	4	3	3	6	5	4	4	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON	NO 29026						MONTH DEC 70						MEAN
	2	4	6	8	10	12	14	16	18	20	22	24	
HOUR DAY													
1	5	4	2	16	6	14	6	7	8	3	7	1	7
2	0	0	1	5	3	3	1	2	3	3	2	12	3
3	2	3	2	7	12	8	7	2	2	5	0	5	5
4	3	0	2	3	2	2	0	1	2	2	2	0	2
5	8	9	7	0	6	2	2	2	1	2	3	3	4
6	4	0	0	4	5	7	0	3	5	5	9	3	4
7	3	0	4	2	2	3	2	0	4	2	1	9	3
8	1	5	11	7	9	5	7	7	8	5	5	7	6
9	5	8	5	4	2	5	8	3	10	5	2	3	5
10	5	7	10	4	3	4	4	2	2	2	7	3	4
11	0	6	3	3	2	0	3	0	0	2	4	2	2
12	3	0	2	0	2	5	1	2	1	0	2	3	2
13	6	0	1	2	2	7	3	4	8	4	2	3	4
14	3	2	2	2	8	2	3	9	5	3	7	8	5
15	1	5	3	5	4	3	3	4	4	6	10	7	5
16	11	8	8	12	12	6	6	5	5	3	2	1	7
17	7	3	2	3	2	3	6	7	11	2	5	2	4
18	6	5	3	2	7	7	8	8	8	5	9	9	6
19	5	5	11	6	9	2	3	4	5	2	2	5	5
20	0	0	7	3	3	4	3	7	0	0	2	3	3
21	2	2	6	5	1	0	0	7	0	2	0	3	2
22	0	5	0	2	2	***	6	5	3	2	2	5	3
23	3	3	3	2	2	4	6	5	1	4	4	7	4
24	0	1	2	7	4	9	2	5	8	2	2	5	4
25	2	2	4	4	3	5	9	5	7	10	7	5	5
26	7	9	13	11	13	6	2	0	4	2	6	5	7
27	2	3	3	3	2	0	1	3	6	9	10	5	4
28	6	10	3	11	2	3	8	5	5	1	5	8	6
29	3	7	5	8	10	2	1	8	9	7	6	5	6
30	4	1	4	19	33	14	4	11	11	9	18	22	13
31	25	19	17	3	3	3	6	2	4	2	4	2	8
MEAN	4	4	5	5	6	5	4	4	5	3	5	5	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	18	2	6	21
JUL	31	3	8	41
AUG	31	4	10	24
SEP	30	4	10	54
OCT	31	4	11	20
NOV	22	4	9	20
DEC	31	5	13	33
YEAR	194	4	13	54

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - WOODWARD/BRAMPTON HAMILTON

NO 29026

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	168	31	1	1	1	0	0	202
JUL	315	49	6	0	0	1	1	372
AUG	273	83	11	2	3	0	0	372
SEP	252	94	10	2	1	0	1	360
OCT	244	108	15	3	0	0	0	370
NOV	166	76	7	2	0	0	0	251
DEC	214	133	16	5	2	1	0	371
YEAR	1632	574	66	15	7	2	2	2298

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.5	1.3	2.2	3.9	7.3	9.3	12.0	15.6	54	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10	****	****	****	****	5	15	15	4	2	1	7	7	7
11	8	5	4	2	15	1	2	6	0	2	5	2	4
12	2	3	4	0	0	2	4	2	1	2	4	5	2
13	3	6	13	18	20	17	6	5	2	10	7	7	10
14	6	11	13	8	2	1	5	6	3	2	2	4	5
15	1	0	4	4	1	1	0	2	2	2	2	0	2
16	1	3	4	0	3	1	0	5	0	5	3	0	2
17	3	0	3	3	0	2	0	5	0	2	2	0	2
18	3	0	2	2	5	3	2	0	0	3	2	0	2
19	7	7	3	3	2	0	9	9	4	5	2	1	4
20	2	0	2	0	2	0	0	0	0	0	0	0	1
21	0	0	0	2	0	0	0	2	3	2	5	0	1
22	0	0	2	3	4	0	0	0	0	0	5	8	2
23	6	2	13	13	19	17	5	5	5	4	5	3	8
24	5	2	19	19	19	5	15	5	25	23	5	3	12
25	2	3	2	2	2	0	3	2	1	1	7	2	2
26	3	2	2	0	3	2	2	0	2	2	0	2	2
27	0	3	2	4	3	2	2	2	0	0	3	2	2
28	0	5	2	2	3	2	3	2	3	2	6	5	3
29	1	6	5	11	15	16	11	3	3	3	4	7	7
30	3	3	0	5	3	0	3	0	7	2	3	2	3
31	2	0	5	2	1	3	3	5	4	8	2	7	4
MEAN	3	3	5	5	6	4	4	3	3	4	4	3	4

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	0	0	2	0	3	0	1	3	2	1
2	0	0	0	0	0	0	2	0	0	2	2	0	1
3	2	0	2	0	0	0	1	0	2	2	2	1	1
4	0	2	2	2	2	3	2	0	2	0	3	0	2
5	3	2	0	8	5	7	3	3	2	3	5	2	4
6	2	2	3	5	7	7	6	3	3	5	2	7	4
7	3	7	7	10	19	2	2	2	3	0	6	6	4
8	5	3	7	5	11	2	8	7	2	2	5	5	5
9	7	8	7	10	3	7	9	2	2	5	8	2	6
10	4	3	2	11	19	8	8	7	3	0	5	5	6
11	5	5	11	10	6	5	5	0	7	2	2	3	5
12	2	0	2	0	3	2	5	1	3	2	9	8	3
13	2	6	2	3	5	4	2	5	2	2	2	9	4
14	2	5	5	2	7	0	7	2	2	3	6	2	4
15	4	3	2	0	2	3	0	3	1	2	3	7	3
16	1	2	6	3	3	0	3	0	0	5	2	3	2
17	0	2	2	3	0	0	5	0	2	0	3	3	2
18	3	0	2	9	8	0	0	0	0	2	2	3	2
19	5	5	4	9	8	2	2	3	8	1	5	0	4
20	4	2	0	2	2	2	1	3	0	3	2	1	2
21	1	1	0	2	2	1	2	1	3	2	6	4	2
22	3	9	8	5	2	4	1	3	2	2	11	6	5
23	4	2	3	4	2	3	0	6	1	4	0	4	3
24	0	1	9	2	2	0	3	1	2	0	0	1	2
25	0	3	5	3	1	2	1	2	2	3	6	2	2
26	3	3	2	3	5	0	1	0	2	0	1	5	2
27	2	2	11	4	4	3	3	2	0	2	2	3	3
28	0	7	3	2	4	3	2	4	2	2	0	2	3
29	4	2	2	1	3	1	2	2	3	1	2	2	2
30	2	1	3	0	0	4	2	2	1	3	2	3	2
31	0	4	4	2	2	1	6	0	0	2	2	0	2
MEAN	2	3	4	4	4	3	3	2	2	2	4	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	2	2	2	2	2	3	2	0	0	1	2
2	1	0	7	1	0	2	2	1	0	3	3	2	2
3	0	5	1	0	4	5	4	3	0	3	1	0	2
4	1	0	3	0	0	1	1	1	3	1	3	0	1
5	2	0	1	0	2	0	0	4	2	1	1	0	1
6	4	0	1	3	0	4	5	0	2	2	2	6	2
7	18	13	4	4	8	3	4	3	3	7	3	2	6
8	1	2	5	8	2	4	5	9	5	7	9	9	6
9	7	5	1	2	7	3	2	0	5	1	5	2	3
10	3	0	2	3	2	0	2	0	2	0	2	2	2
11	2	3	3	0	1	2	2	2	0	1	2	2	2
12	3	3	3	9	2	0	0	1	1	0	0	1	2
13	0	2	3	2	2	1	2	2	0	3	2	4	2
14	5	8	8	2	5	5	5	7	6	11	5	11	6
15	11	3	4	3	5	5	11	9	5	7	5	8	6
16	7	0	2	3	3	1	2	3	0	2	1	2	2
17	1	3	1	12	7	7	10	8	8	7	10	5	7
18	8	15	8	5	9	8	7	7	4	3	5	7	7
19	2	5	2	4	0	3	0	0	3	2	3	2	2
20	7	3	6	11	5	2	2	4	8	11	10	12	7
21	8	4	6	3	2	2	3	3	3	1	2	2	3
22	2	3	1	6	2	2	0	1	6	3	2	6	3
23	1	0	1	6	3	8	3	4	6	10	3	10	5
24	9	11	9	12	12	15	7	8	3	0	3	5	8
25	0	1	4	1	3	2	3	0	2	11	7	4	3
26	4	2	0	7	4	1	3	0	1	0	3	2	3
27	1	0	0	0	2	0	2	3	3	4	0	4	2
28	1	2	3	3	0	1	1	3	3	3	2	3	2
29	5	4	4	3	6	0	3	0	2	2	5	0	3
30	1	1	2	2	6	2	2	4	2	3	5	2	3
MEAN	4	3	3	4	4	3	3	3	3	4	3	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	2	5	4	2	2	0	2	4	6	2	3
2	12	11	2	4	3	2	5	2	0	4	2	1	4
3	1	0	0	1	2	2	2	0	2	2	2	2	1
4	2	2	2	0	3	4	0	2	2	2	2	6	2
5	4	5	8	10	6	0	6	2	6	5	9	10	6
6	11	6	3	2	4	0	4	2	3	0	4	5	4
7	8	6	6	12	13	6	3	11	23	23	21	19	13
8	18	15	14	20	21	21	18	9	14	18	7	8	15
9	8	7	13	17	15	6	14	19	13	13	16	8	12
10	8	8	3	3	3	1	4	3	1	9	9	4	5
11	9	5	5	5	14	9	3	4	10	10	6	7	7
12	5	8	8	7	4	10	5	2	5	7	7	3	6
13	12	11	12	14	16	9	6	11	6	9	8	15	11
14	19	19	16	20	3	9	1	4	2	4	0	3	9
15	0	1	5	4	3	8	3	6	9	9	7	1	5
16	3	2	7	8	0	6	3	0	5	7	4	3	4
17	9	8	4	7	8	10	2	9	5	4	4	0	6
18	2	1	1	3	3	1	3	0	3	5	3	0	2
19	4	7	10	11	9	4	6	3	7	6	5	9	7
20	6	7	17	25	13	17	13	13	9	19	10	3	13
21	2	4	3	7	1	3	6	2	12	9	12	14	6
22	8	11	4	6	8	8	3	5	3	6	2	4	6
23	10	6	5	9	5	12	6	5	5	20	9	5	8
24	7	12	8	7	11	8	6	10	12	5	12	12	9
25	17	8	7	7	11	4	3	5	8	6	6	11	8
26	8	6	3	3	13	5	4	3	6	5	10	12	7
27	9	8	3	9	13	10	11	7	7	7	7	13	9
28	15	7	4	16	9	10	9	12	8	12	9	15	11
29	9	8	8	13	13	6	6	10	9	9	9	14	10
30	7	12	12	15	12	11	8	13	11	5	6	7	10
31	10	10	14	10	9	1	5	6	2	6	2	4	7
MEAN	8	7	7	9	8	6	6	6	7	8	7	7	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	2	5	4	2	4	7	11	9	5	5	5
2	8	5	8	14	9	15	11	11	13	13	15	12	11
3	13	12	6	8	5	6	7	9	9	9	6	9	8
4	4	3	5	4	9	8	3	5	6	7	4	2	5
5	1	3	4	7	3	5	3	4	3	5	3	3	4
6	2	0	2	6	0	3	1	4	4	5	1	0	2
7	3	3	9	6	3	2	2	3	3	3	4	9	4
8	6	10	10	10	10	10	9	6	10	6	6	16	9
9	14	16	15	17	3	2	5	7	6	7	5	5	9
10	3	4	5	0	4	0	1	5	5	4	0	3	3
11	2	5	11	8	23	16	16	10	****	13	19	9	12
12	13	5	7	6	11	4	8	10	12	9	6	4	8
13	5	3	4	5	5	7	3	2	5	3	5	3	4
14	3	0	4	2	4	9	6	2	3	4	5	0	4
15	5	0	3	0	3	5	8	2	4	4	3	2	3
16	6	3	2	4	4	2	1	2	2	6	3	6	3
17	2	8	5	9	7	5	5	4	8	8	12	15	7
18	13	18	8	11	12	10	13	7	9	11	7	9	11
19	6	8	5	7	5	5	4	6	7	5	9	9	6
20	12	14	10	17	14	2	3	0	4	0	1	0	6
21	0	1	0	2	2	2	3	2	1	6	6	9	3
22	9	3	6	6	14	5	3	2	2	2	2	0	5
23	3	3	2	6	2	3	3	3	7	4	2	4	3
24	2	5	3	10	7	5	4	4	4	5	5	2	4
25	2	2	2	5	2	2	4	2	5	5	3	1	4
26	4	3	7	7	5	7	5	6	6	7	5	3	3
27	5	3	8	7	6	5	2	13	15	****	****	****	6
28													7
29							- DATA MISSING -						
30							- DATA MISSING -						
							- DATA MISSING -						
MEAN	5	5	6	7	7	5	5	5	6	6	5	5	6

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	****	6	7	9	6	10	9	****
29	11	13	10	16	13	10	11	6	14	12	9	7	11
30	11	16	17	25	33	13	4	7	14	18	19	27	17
31	22	26	27	18	8	11	11	11	21	13	11	6	15
MEAN	15	18	18	20	18	11	8	8	15	12	12	12	14

PERCENTAGE OF DATA VALID - 11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 554 MAIN ST E HAMILTON

NO 29057

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	22	4	12	25
AUG	31	3	6	19
SEP	30	3	8	18
OCT	31	7	15	25
NOV	27	6	12	23
DEC	4	14	17	33
YEAR	145	5	17	33

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 554 MAIN ST E HAMILTON

NO 29057

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL	186	51	12	9	2	0	0	260
AUG	285	80	5	2	0	0	0	372
SEP	262	82	15	1	0	0	0	360
OCT	129	161	57	19	6	0	0	372
NOV	144	136	31	8	1	0	0	320
DEC	1	14	14	6	6	1	0	42
YEAR	1007	524	134	45	15	1	0	1726

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	0.5	1.6	2.9	5.5	10.5	13.5	17.8	19.7	33	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - SKYWAY TOLL BOOTH HAMILTON NO 29058 MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	****	****	12	10	14	9	8	6	****
14	3	2	9	17	17	21	16	9	9	10	7	10	11
15	9	13	7	6	15	13	11	13	14	9	12	10	11
16	11	6	0	21	23	19	9	17	9	7	11	7	12
17	7	14	23	13	13	9	7	5	3	0	3	0	8
18	2	2	2	0	2	5	5	7	10	3	3	2	4
19	3	3	3	4	2	5	3	5	4	3	3	3	7
20	2	2	7	21	3	8	5	8	7	9	5	3	7
21	9	9	7	11	6	5	5	6	12	7	10	8	8
22	7	5	9	8	7	5	6	5	0	18	14	11	8
23	11	11	6	13	19	13	10	3	10	11	7	13	11
24	5	8	12	15	15	17	9	9	3	4	3	10	9
25	11	7	9	10	8	8	9	5	7	5	5	6	7
26	9	7	13	12	6	8	5	6	8	8	11	6	8
27	10	12	12	18	10	25	23	19	26	10	13	12	16
28	11	15	16	27	22	22	25	16	17	17	19	16	19
29	11	10	13	23	20	25	17	20	10	10	13	12	15
30	9	13	12	31	19	14	9	14	19	16	13	14	15
MEAN	8	8	9	15	12	13	10	10	10	9	9	8	10

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - SKYWAY TOLL BOOTH HAMILTON NO 29058 MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	14	12	8	6	5	3	4	0	12	7	10	8	7
2	4	13	9	6	5	5	6	4	4	5	2	2	5
3	3	1	2	2	2	3	4	2	3	5	17	8	4
4	1	9	10	11	11	8	7	6	11	5	11	2	8
5	1	2	12	15	7	4	4	11	8	1	2	1	6
6	4	0	2	1	6	2	1	1	4	4	1	0	2
7	2	2	15	16	5	6	3	6	8	12	9	3	7
8	5	8	10	16	26	22	27	17	20	21	16	14	17
9	14	15	12	18	13	11	8	6	1	2	6	3	9
10	2	3	5	5	4	7	2	10	8	3	3	3	5
11	6	14	9	15	4	20	19	21	18	12	11	10	13
12	6	2	10	6	10	16	17	15	9	8	6	5	9
13	5	11	27	23	27	31	22	18	21	13	3	2	17
14	6	5	8	15	15	18	12	10	12	14	9	10	11
15	9	2	5	12	12	15	15	19	18	12	10	2	11
16	7	7	5	8	11	6	5	5	2	7	7	2	6
17	8	11	7	3	1	1	1	0	1	2	2	4	3
18	1	4	17	23	9	2	2	4	2	4	6	9	7
19	4	16	10	12	7	3	6	3	8	5	3	3	7
20	2	3	8	4	12	11	10	14	6	6	8	12	8
21	9	6	10	14	15	18	20	18	13	8	13	12	13
22	16	10	19	9	15	7	3	6	3	11	8	5	9
23	5	3	6	6	8	10	8	4	1	5	1	7	5
24	2	3	3	1	4	2	2	2	4	1	2	5	3
25	3	2	7	12	6	18	12	8	10	2	8	9	9
26	8	5	8	10	6	6	5	2	5	3	2	4	5
27	3	6	3	0	2	0	10	1	0	0	1	4	2
28	3	4	3	5	10	8	10	15	6	8	4	5	7
29	5	5	5	11	11	12	13	8	4	3	5	1	2
30	3	6	1	3	2	2	2	0	3	1	5	1	2
31	3	2	0	7	3	2	2	4	6	8	10	3	4
MEAN	5	6	8	10	9	9	8	8	7	6	6	5	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	8	12	12	6	3	2	5	2	11	4	3	6
2	0	2	9	1	6	4	3	8	6	4	11	3	5
3	2	3	2	8	9	11	15	11	9	3	6	4	7
4	4	5	8	9	21	9	12	15	9	11	3	13	10
5	7	7	4	2	5	5	0	2	5	12	3	6	4
6	5	3	2	0	8	5	0	6	3	3	2	0	4
7	2	0	11	2	3	0	0	0	9	3	0	10	3
8	6	6	9	8	7	16	11	1	3	5	7	11	8
9	15	9	11	7	2	2	3	0	0	2	8	2	5
10	7	9	12	9	8	2	5	5	5	1	7	14	7
11	4	4	7	9	7	5	1	4	8	14	7	5	6
12	2	2	4	10	10	5	11	5	7	7	5	1	6
13	2	2	2	7	3	3	6	2	3	3	0	5	3
14	0	0	1	0	3	3	2	2	2	2	2	2	2
15	3	2	5	11	9	7	5	7	6	7	5	3	6
16	5	2	5	6	11	11	11	5	7	4	0	5	6
17	4	4	5	11	7	2	5	4	3	3	7	7	5
18	2	0	2	6	4	0	4	2	3	0	6	6	3
19	2	0	2	2	0	0	2	0	2	0	0	3	1
20	3	6	3	2	2	2	0	0	0	3	2	2	2
21	0	2	1	0	3	2	3	5	1	2	4	2	2
22	3	4	5	3	2	0	1	3	1	3	0	2	2
23	11	7	8	3	2	8	11	0	2	2	2	3	5
24	2	5	0	5	3	2	2	2	2	7	2	2	3
25	0	1	3	5	5	7	6	2	5	5	2	2	4
26	2	7	4	2	5	4	0	0	2	0	0	0	2
27	0	2	2	2	0	5	3	4	0	0	0	1	2
28	0	2	3	3	2	4	3	6	0	0	0	1	2
29	0	3	3	5	2	5	0	3	4	3	5	5	3
30	2	7	3	0	1	2	2	0	2	9	2	3	3
MEAN	3	4	5	5	5	4	4	4	4	4	3	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	5	0	6	2	8	2	2	3	2	2	3
2	2	3	2	7	4	9	7	5	6	2	2	2	4
3	2	5	5	8	5	5	12	7	3	5	7	0	5
4	0	0	6	1	2	4	2	2	0	0	1	5	2
5	4	1	4	3	2	0	0	0	0	2	1	1	2
6	1	13	4	3	2	0	1	5	0	2	3	5	3
7	6	3	3	5	0	3	0	2	2	0	3	5	3
8	2	0	3	2	2	2	0	2	2	0	3	5	3
9							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
10							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
11							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
12							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
13							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
14							DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
15	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	16	4	11	12	10	15	14	DATA MISSING
16	11	16	17	13	6	2	2	0	3	2	2	16	8
17	12	12	12	11	7	9	11	8	13	20	10	10	11
18	13	9	5	1	6	10	5	6	4	12	6	1	7
19	2	1	1	0	5	6	10	3	5	4	5	12	5
20	7	4	6	6	3	8	6	7	7	1	6	6	6
21	4	5	10	10	6	2	1	2	0	0	2	14	5
22	25	12	20	23	11	7	28	17	19	11	14	5	16
23	20	8	12	20	28	28	27	19	21	8	3	7	17
24	8	3	12	26	25	22	18	14	16	15	17	17	16
25	10	2	13	10	8	2	5	4	9	6	9	11	7
26	15	17	11	14	8	12	10	3	4	3	9	18	10
27	10	12	20	13	7	3	1	5	0	9	7	11	8
28	13	6	9	8	9	2	4	12	10	7	12	8	8
29	7	5	8	27	36	31	25	20	13	14	13	16	18
30	17	11	6	5	5	5	4	5	2	3	11	9	7
31	3	9	8	12	9	29	17	5	20	16	4	15	12
MEAN	8	7	8	9	8	9	9	7	7	6	7	9	8

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	15	17	9	13	3	1	0	4	1	0	0	0	5
2	4	0	2	3	1	4	1	4	5	7	8	4	4
3	6	8	2	0	0	2	5	1	2	0	2	10	2
4	0	1	0	2	11	21	25	20	14	16	5	6	10
5	5	4	7	26	21	19	14	19	16	18	9	18	15
6	6	6	10	9	25	23	22	26	18	18	9	19	16
7	12	15	18	27	25	36	26	18	16	22	13	5	19
8	9	9	12	7	18	19	11	6	13	3	4	4	10
9	5	2	8	4	6	11	6	6	8	8	5	7	6
10	6	5	8	21	20	31	26	30	17	16	15	13	17
11	9	23	27	25	12	26	17	14	19	10	6	5	16
12	6	2	8	8	19	16	23	7	7	3	2	20	10
13	23	24	10	12	19	22	18	26	7	7	13	9	16
14	27	22	24	21	16	4	7	3	7	3	14	13	13
15	19	21	17	12	4	5	4	4	2	2	8	7	9
16	8	9	5	4	8	4	6	4	9	7	4	11	7
17	0	2	16	11	0	1	0	2	5	5	2	5	4
18	2	6	6	12	9	25	29	22	19	18	12	7	14
19	2	18	22	22	20	26	15	22	19	3	11	7	16
20	7	11	8	12	9	8	11	6	2	2	2	0	7
21	2	1	2	7	2	1	0	3	2	4	6	5	3
22	3	2	3	5	11	12	11	8	8	10	4	10	7
23	2	2	1	2	4	10	8	5	8	5	6	2	5
24	3	6	9	4	16	20	20	23	11	4	2	7	10
25	7	7	26	24	8	4	4	3	2	4	2	12	8
26	18	11	20	16	7	7	11	9	7	13	12	8	12
27	11	5	16	16	11	12	13	17	19	11	11	7	12
28	10	9	11	12	11	7	9	6	1	0	3	5	7
29	3	0	3	5	9	6	2	4	3	4	4	4	4
30	3	3	3	1	4	7	11	6	4	6	0	2	4
31	0	2	7	7	5	0	0	4	0	2	7	12	4
MEAN	7	8	10	11	11	13	11	11	9	7	6	8	9

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	18	8	12	2	0	1	0	2	0	6	2	4	5
2	11	10	28	29	15	29	22	17	2	1	18	10	16
3	7	3	12	2	9	6	4	8	6	6	0	2	5
4	2	4	12	10	7	12	12	5	6	2	14	2	7
5	12	11	12	5	5	0	1	0	0	0	0	4	4
6	3	7	4	6	2	8	8	2	3	9	9	6	6
7	5	2	5	1	7	4	9	3	3	9	3	6	5
8	2	1	11	10	17	18	23	15	21	13	11	14	13
9	11	8	15	1	6	2	26	29	25	25	9	14	14
10	13	5	2	8	13	11	9	8	0	2	6	8	7
11	2	1	9	22	8	6	2	2	1	2	10	7	6
12	15	24	21	12	12	6	6	2	0	0	5	10	9
13	14	18	7	6	1	3	1	1	2	4	2	2	5
14	2	5	9	23	21	13	22	22	14	15	15	14	15
15	7	4	9	8	14	13	20	13	14	9	7	4	10
16	8	9	5	0	3	0	0	2	2	2	2	5	3
17	8	13	11	14	17	21	19	21	15	15	8	3	14
18	2	9	11	19	19	17	7	9	6	9	2	0	9
19	2	3	1	2	3	10	9	1	5	3	7	3	4
20	15	9	5	7	5	6	13	9	7	12	9	11	9
21	7	7	14	9	8	1	3	5	7	5	3	9	7
22	16	10	9	8	10	5	9	7	5	3	6	5	8
23	3	2	4	16	27	16	13	15	21	21	10	6	13
24	7	5	15	14	13	6	9	3	3	4	11	11	8
25	8	4	11	8	2	3	9	12	8	9	9	11	9
26	12	13	12	9	19	3	5	0	3	3	3	2	7
27	2	0	1	2	2	6	3	5	3	9	7	5	4
28	8	7	7	9	0	1	0	3	0	0	2	0	3
29	0	2	3	3	3	2	3	5	3	3	3	7	3
30	10	7	15	5	3	2	0	5	9	7	4	2	6
MEAN	8	7	10	9	9	8	9	8	7	7	7	6	8

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH OCT 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	11	4	3	17	18	9	3	11	11	8
2	16	5	7	14	7	6	8	10	14	5	8	7	9
3	6	2	7	15	7	5	7	8	5	12	12	3	7
4	5	8	7	9	6	3	2	0	4	2	8	11	5
5	12	16	28	25	31	21	0	3	16	10	9	8	15
6	6	5	4	6	12	3	3	4	5	13	6	13	7
7	17	13	17	29	22	19	21	19	19	20	19	14	19
8	19	12	23	22	31	33	23	21	16	17	13	14	20
9	12	9	18	26	20	17	16	13	14	14	11	16	16
10	9	9	2	11	4	7	9	7	5	2	8	5	7
11	2	7	4	3	2	8	6	3	6	3	3	6	4
12	2	2	4	2	7	9	13	7	5	0	4	3	5
13	7	1	5	14	14	11	15	14	12	11	9	13	11
14	14	11	12	18	13	13	9	4	1	2	1	4	5
15	1	4	2	1	5	5	6	8	11	6	4	4	5
16	0	2	2	3	2	6	4	3	2	3	3	6	3
17	7	2	7	11	2	10	17	17	10	7	13	6	9
18	13	12	7	8	9	7	7	5	2	0	4	4	7
19	2	2	4	9	12	9	18	64	14	3	9	8	13
20	3	3	9	9	12	16	17	17	15	8	6	2	10
21	0	7	7	20	19	18	11	19	12	11	12	16	13
22	6	5	11	12	18	15	21	19	15	6	11	12	13
23	9	5	7	11	12	17	19	31	26	19	8	13	15
24	9	7	6	6	5	8	9	11	11	8	3	5	7
25	7	5	2	1	4	3	3	7	9	2	3	6	4
26	1	5	3	14	15	12	12	17	7	8	2	7	9
27	2	9	8	22	26	15	16	21	10	7	6	7	12
28	6	9	12	22	19	20	19	22	14	11	20	19	16
29	9	13	8	26	20	23	23	23	17	13	14	12	17
30	10	12	12	23	22	17	19	31	23	13	12	10	17
31	7	7	4	6	12	1	4	2	2	1	6	3	5
MEAN	7	7	8	13	13	12	12	14	11	8	8	9	10

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH NOV 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	3	5	2	3	6	4	11	9	9	9	6
2	7	3	5	15	13	14	****	****	****	****	****	****	****
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	5	3	4	10	8	9	6	4	11	9	9	9	7

PERCENTAGE OF DATA VALID - 5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON

NO 29058

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9	****	****	****	****	****	****	12	14	12	5	4	1	****
10	2	6	5	6	11	4	12	21	19	12	8	14	10
11	10	9	6	14	18	9	14	10	7	8	6	4	10
12	6	4	3	4	9	7	2	0	4	4	5	7	5
13	5	0	2	2	5	7	2	9	7	4	2	3	4
14	0	6	4	7	9	12	7	5	16	4	5	4	7
15	3	6	4	17	14	11	9	12	13	13	13	9	10
16	5	8	8	20	16	15	14	8	10	7	9	6	11
17	5	2	4	25	27	12	9	3	7	3	2	2	8
18	2	1	7	10	4	0	2	6	25	9	10	6	7
19	13	7	8	12	13	6	5	8	7	10	7	2	8
20	0	2	3	5	5	6	4	3	8	3	2	4	4
21	2	0	2	10	8	7	11	14	14	7	7	6	7
22	4	2	2	10	9	12	7	5	5	3	4	6	6
23	7	3	6	13	9	11	12	12	7	7	8	6	8
24	7	7	7	8	8	12	6	6	2	6	7	3	7
25	7	6	5	5	7	7	5	12	9	6	12	12	8
26	2	6	15	13	19	13	5	3	4	7	5	6	8
27	4	1	5	5	3	2	6	5	0	1	9	13	5
28	9	14	7	2	3	3	4	2	1	6	4	4	5
29	8	0	8	8	12	12	2	6	3	2	4	2	6
30	4	7	4	8	16	12	10	6	7	5	6	15	8
31	12	3	12	3	6	9	4	12	8	10	9	6	8
MEAN	5	5	6	9	11	9	7	8	8	6	6	6	7

PERCENTAGE OF DATA VALID - 72

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SKYWAY TOLL BOOTH HAMILTON NO 29058

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	18	10	19	31
MAY	31	7	17	31
JUN	30	4	10	21
JUL	25	8	18	36
AUG	31	9	19	36
SEP	30	8	16	29
OCT	31	10	20	64
NOV	2	7	6	15
DEC	23	7	11	27
YEAR	221	8	20	64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - SKYWAY TOLL BOOTH HAMILTON NO 29058

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	33	93	47	22	14	1	0	210
MAY	145	133	57	25	11	1	0	372
JUN	223	107	28	1	1	0	0	360
JUL	108	97	45	24	13	2	0	289
AUG	120	117	50	44	39	2	0	372
SEP	133	128	60	17	22	0	0	360
OCT	90	124	79	48	25	5	1	372
NOV	7	7	4	0	0	0	0	18
DEC	84	128	46	8	4	0	0	270
YEAR	943	934	416	189	129	11	1	2623

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
79	0	1.1	3.0	5.9	9.5	16.6	20.4	24.9	26.8	64	8

UNITS - COHS/1000FEET X 10

MONTH JAN 70

13 14 15

PERCENTAGE OF DATA VALID - 77

UNITS - COHS/1000FEET X 10

MONTH FEB 70

13 14 15

PERCENTAGE OF DATA VALID - 61

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24	2	1	2	2	2	2	2	2	2	1	2	1	1	1	2	3	1	2	2	2	2	3	2	3	2
25	2	2	2	2	2	2	2	2	2	3	***	***	3	3	2	3	2	2	2	2	2	3	2	2	2
26	2	2	1	2	1	2	0	0	***	***	***	***	***	2	2	3	2	2	1	1	2	1	1	1	1
27	1	1	0	1	1	0	0	0	1	0	1	0	1	0	0	2	2	0	1	***	2	3	3	2	1
28	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2	0	1	2	2	1	2	2	2	2
29	0	2	2	2	2	2	2	2	2	2	0	0	0	0	1	2	1	2	2	2	2	2	2	3	2
30	3	2	3	2	3	2	1	0	4	0	6	2	0	2	2	0	2	5	0	3	0	5	0	6	2
31	0	3	0	2	3	3	2	***	***	4	***	2	4	2	0	3	0	8	4	1	2	2	0	6	2
MEAN	2	2	2	2	2	2	1	1	2	2	2	1	2	1	1	2	1	3	2	2	2	3	2	3	2

PERCENTAGE OF DATA VALID - 24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	3	3	3	9	7	7	2	9	3	9	5	7	9	6	3	3	3	2	0	0	2	9	10	5
2	3	5	0	5	0	2	2	0	3	3	2	2	5	2	7	12	5	5	2	2	2	2	3	3	3
3	4	4	2	2	2	2	2	0	1	1	2	1	0	0	2	2	2	2	1	1	3	3	3	3	2
4	2	2	2	2	3	3	2	2	2	2	2	2	4	3	4	3	2	2	2	2	2	3	3	2	2
5	5	5	2	2	2	2	7	7	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	5	5
6	5	6	6	5	5	4	4	2	2	6	6	4	4	5	5	4	4	5	5	7	7	7	8	8	3
7	5	8	8	2	2	2	2	2	2	0	2	2	2	2	3	3	3	3	2	2	5	5	8	8	3
8	6	6	3	3	3	3	9	9	14	10	10	10	9	9	8	8	2	2	0	0	5	7	6	5	7
9	10	10	8	8	5	5	6	6	2	2	2	2	2	2	2	2	2	2	0	0	0	6	6	6	4
10	2	2	2	0	1	1	3	3	2	2	4	4	2	2	2	2	2	2	3	3	0	2	2	2	2
11	3	3	3	11	8	3	6	6	1	1	2	2	2	2	7	7	5	5	4	4	5	4	5	5	4
12	6	6	4	4	2	2	2	2	1	1	1	4	4	3	3	2	2	0	3	3	8	4	4	4	3
13	5	5	4	4	3	3	7	7	5	5	4	4	1	1	1	1	3	3	2	2	0	1	1	1	3
14	3	3	2	2	0	1	1	1	1	1	2	2	3	3	2	5	5	5	3	7	9	8	4	5	3
15	1	6	1	1	3	0	1	3	3	5	3	3	3	3	2	0	3	5	4	4	3	5	5	4	3
16	10	10	13	11	12	16	11	13	5	3	0	4	0	8	14	11	11	19	10	25	15	16	16	11	11
17	26	37	29	29	30	28	25	42	21	23	17	8	7	9	4	4	3	1	0	1	3	2	2	2	15
18	3	2	3	2	1	0	0	1	1	0	0	1	0	0	1	1	0	0	2	2	3	3	2	2	2
19	4	2	2	1	0	0	1	1	0	0	1	1	2	2	3	3	2	2	2	3	3	2	2	2	2
20	2	2	1	1	0	0	2	2	6	7	12	7	5	6	6	2	3	3	4	7	12	11	9	11	5
21	12	9	6	3	3	2	2	4	8	7	2	1	2	2	0	3	2	0	1	0	0	0	0	0	3
22	0	2	3	2	1	1	3	2	2	1	0	3	0	0	0	3	3	2	7	7	7	3	7	5	3
23	5	2	2	3	3	2	5	4	7	12	9	10	8	5	13	2	2	2	1	1	3	4	6	1	5
24	3	2	2	3	6	6	11	13	8	5	4	4	6	5	5	5	4	6	8	8	6	7	9	8	6
25	5	5	3	4	2	3	5	6	20	13	2	0	2	2	3	3	3	3	3	6	9	10	11	16	6
26	7	3	3	2	2	2	8	10	12	9	8	6	23	6	5	0	3	3	6	4	7	7	12	6	6
27	11	10	8	9	10	8	9	9	24	17	10	3	2	2	2	3	2	6	12	11	4	2	3	3	8
28	3	4	6	7	4	5	3	5	4	2	2	2	1	1	1	2	0	1	2	1	2	2	2	2	2
29	0	0	0	1	2	1	2	3	3	6	6	1	0	0	2	2	4	4	2	2	5	5	4	4	2
30	7	7	5	5	3	3	5	5	5	5	12	20	12	15	16	16	26	12	11	9	12	9	8	7	10
MEAN	6	6	5	5	4	4	5	6	6	5	5	4	4	4	4	4	4	3	4	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 70

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	3	5	9	7	18	10	7	5	6	3	9	6	5	4	3	2	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	4	4	5	5	1
4	4	4	3	3	4	4	5	9	5	5	10	6	5	5	5	4	4	2	1	1	1	0	0	0	4
5	0	0	0	0	2	4	5	3	4	3	5	9	3	3	3	3	3	3	4	4	4	4	2	2	3
6	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2
7	2	2	2	2	2	2	6	6	2	7	7	7	3	5	5	3	2	3	3	5	3	4	6	3	4
8	4	3	5	6	7	4	8	14	8	13	6	8	8	14	11	8	8	8	7	5	3	4	6	3	8
9	4	3	5	6	7	4	8	14	8	13	6	8	8	14	11	8	8	8	7	5	3	4	6	3	8
10	0	1	1	2	4	3	6	7	10	6	6	3	5	3	3	2	2	1	16	1	2	4	3	4	4
11	5	6	3	5	7	4	5	4	5	2	3	3	5	4	4	3	1	9	1	0	0	1	1	2	3
12	2	2	2	0	1	0	2	0	1	2	5	5	4	6	6	2	3	2	1	3	4	2	5	2	3
13	2	2	6	11	11	12	14	16	19	11	9	17	25	33	19	22	10	6	5	5	5	13	10	12	
14	7	10	7	8	6	5	5	8	4	4	1	2	3	11	3	4	4	8	7	9	5	3	3	4	5
15	5	3	4	4	3	3	5	5	5	5	5	5	8	5	5	5	5	5	5	4	4	7	12	18	5
16	11	14	12	11	10	9	11	9	11	17	15	9	15	6	3	7	6	3	4	7	3	6	5	3	9
17	8	5	5	5	5	6	7	8	6	10	5	2	5	8	3	2	3	0	0	2	3	2	4	5	5
18	4	4	2	4	2	4	5	9	8	6	5	3	5	3	3	1	2	1	0	1	3	6	7	6	4
19	9	6	9	10	18	24	23	25	21	18	19	13	44	31	12	7	6	5	4	4	3	4	3	3	13
20	3	4	6	5	6	5	7	8	7	5	4	5	9	10	6	6	9	5	8	5	7	8	15	14	7
21	14	6	7	7	7	8	12	10	10	6	4	7	13	20	13	18	16	16	18	18	24	36	43	35	15
22	31	21	41	20	18	10	14	22	29	17	8	5	6	6	4	5	4	4	1	1	3	2	1	1	12
23	2	1	1	1	0	0	0	1	1	0	2	2	1	4	2	1	0	1	1	1	2	5	6	3	2
24	5	5	3	2	4	6	4	0	0	0	0	0	0	1	1	1	1	1	2	4	1	1	1	1	2
25	1	2	3	1	3	3	5	11	12	18	11	15	13	4	6	6	5	5	6	5	4	4	6	4	6
26	5	2	2	1	4	7	10	11	10	14	9	6	3	3	1	2	2	2	5	5	0	0	0	1	1
27	5	2	2	1	4	7	10	11	10	14	9	6	3	3	1	2	2	2	5	5	0	0	0	1	1
28	3	3	2	2	2	2	2	2	3	3	0	0	1	1	2	2	2	2	3	3	1	4	1	1	2
29	5	7	11	7	5	12	7	7	6	5	4	3	4	3	4	5	5	3	3	5	6	8	12	13	6
30	5	7	11	7	5	12	7	7	6	5	4	3	4	3	4	5	5	3	3	5	6	8	12	13	6
31	9	6	4	4	3	2	5	12	4	6	6	7	7	6	4	4	4	4	3	3	4	6	7	7	5
MEAN	5	5	5	5	5	5	7	8	7	6	5	5	7	7	5	4	4	4	4	3	4	4	6	5	5

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	9	6	5	13	10	16	13	16	9	6	9	13	11	8	9	8	5	3	8	10	17	11	9
2	6	5	4	4	6	7	14	15	21	10	9	8	12	11	7	11	7	7	6	4	6	4	1	0	8
3	0	0	0	0	0	1	2	5	13	3	12	1	9	2	3	4	2	4	1	1	1	2	1	1	3
4	1	1	1	1	3	3	2	3	2	1	1	1	1	0	0	2	3	1	2	5	1	5	7	8	2
5	14	18	10	10	10	12	14	6	6	10	10	2	2	2	2	3	2	1	1	0	1	1	1	1	6
6	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	2	2	4	2	1	1	1	1	1	1
7	2	3	3	2	1	3	3	5	5	9	6	6	4	5	14	5	13	9	6	8	5	6	6	6	6
8	6	9	12	7	9	13	17	29	20	18	17	14	18	13	7	8	13	4	3	3	4	2	6	10	11
9	12	15	12	14	6	9	7	10	10	2	4	9	7	6	10	13	9	7	6	11	16	9	9	9	9
10	6	7	7	5	9	18	22	25	20	15	16	11	18	14	16	14	14	9	7	8	9	9	12	10	13
11	12	11	7	7	8	10	11	18	23	20	5	5	6	4	4	4	4	3	4	5	4	3	3	1	8
12	2	2	3	1	1	4	9	6	3	1	3	3	3	3	3	5	4	2	1	2	1	1	1	1	3
13	1	2	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	0	1
14	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1
15	4	1	2	2	3	7	8	13	10	8	9	7	8	6	7	9	5	6	5	4	4	4	4	4	6
16	3	3	3	4	4	6	6	6	4	3	6	12	5	4	4	5	4	3	2	2	3	3	2	3	4
17	2	2	2	3	2	2	8	13	13	10	10	11	8	8	11	12	7	5	7	9	8	7	10	7	7
18	9	6	6	4	2	2	5	5	5	7	11	6	8	8	2	1	1	1	0	0	0	0	0	0	4
19	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	1	1	0	0
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	0	0
21	4	5	2	4	4	5	2	1	1	0	0	0	0	0	0	0	0	0	0	1	3	4	3	5	2
22	10	5	2	0	0	1	0	5	2	6	7	4	10	12	10	9	6	5	3	5	5	4	8	7	5
23	5	5	4	4	4	8	9	7	23	21	9	7	9	7	3	4	6	5	3	4	5	3	6	13	7
24	5	6	9	8	9	12	20	20	22	18	14	9	14	13	10	12	7	3	3	0	0	0	0	9	9
25	0	0	0	0	0	0	1	2	1	1	1	1	1	1	4	4	5	2	3	5	3	2	20	9	3
26	4	3	5	3	3	1	2	1	1	1	1	1	2	2	1	3	4	2	2	2	2	1	1	0	2
27	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
28	1	0	1	1	1	0	0	2	7	8	7	2	2	3	3	3	3	1	0	1	2	2	3	2	2
29	4	3	4	4	4	6	6	9	9	10	10	10	12	8	9	12	9	5	3	4	11	8	11	7	7
30	6	6	5	4	2	4	3	3	3	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	2
MEAN	4	4	4	3	3	5	6	7	8	7	6	4	6	5	5	5	5	4	3	3	3	3	5	5	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1	1	0	0
2	0	0	1	1	3	1	3	13	5	16	12	11	8	7	4	6	6	8	6	4	4	5	4	5	6
3	5	3	3	6	4	4	9	16	21	8	10	14	19	15	15	17	9	7	7	8	3	8	5	5	9
4	3	2	4	5	3	2	2	3	2	2	1	0	0	0	0	0	1	4	0	0	0	0	0	0	2
5	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	4	7	5	5	5	11	17	4	18	11	19	9	11	9	9	7	6	4	4	5	3	2	4	5	8
8	6	5	5	5	5	7	7	6	13	9	8	7	8	7	7	11	10	8	7	8	7	9	5	5	7
9	6	6	10	10	10	5	5	12	14	11	11	11	8	4	7	7	2	7	13	3	3	2	2	3	7
10	4	2	2	3	1	2	2	4	4	2	5	6	5	5	9	6	9	7	6	5	7	6	6	4	5
11	5	1	8	5	5	1	1	0	2	0	0	1	0	0	0	0	0	0	2	1	2	1	1	0	2
12	1	0	1	0	1	1	1	0	1	1	1	2	1	0	3	1	2	3	2	3	2	2	3	3	1
13	1	1	2	5	1	1	4	6	3	2	4	2	2	2	1	2	2	0	0	1	1	1	1	1	2
14	1	1	1	4	3	3	5	6	8	11	15	7	9	6	8	12	9	7	9	6	5	4	7	15	7
15	12	6	4	3	5	16	19	14	12	14	15	14	13	9	8	8	8	4	2	2	1	3	2	6	8
16	4	2	1	1	1	2	3	1	1	1	0	0	0	0	1	0	1	0	1	0	1	2	4	2	1
17	3	5	4	3	3	5	21	12	10	6	10	11	11	16	5	7	2	2	4	4	1	1	1	1	6
18	2	4	5	5	3	2	1	3	0	0	0	0	0	0	1	0	0	0	1	2	2	2	4	0	1
19	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	1	1	2	2	2	4	1
20	4	3	2	3	10	4	3	6	7	8	5	3	3	2	2	5	1	1	1	1	1	1	0	0	3
21	0	0	1	1	0	0	2	2	0	0	0	0	0	1	0	0	0	0	0	1	0	3	4	6	1
22	4	7	0	2	8	8	8	5	2	3	16	8	6	6	8	4	4	2	2	4	5	4	3	6	5
23	5	4	6	4	8	14	8	10	5	3	5	5	5	3	3	1	2	2	2	3	2	1	1	1	4
24	4	2	5	4	4	3	8	12	10	6	7	5	5	6	6	4	3	3	3	4	4	6	11	13	6
25	11	10	7	4	6	6	6	16	3	9	6	5	6	5	6	4	5	5	6	3	5	4	7	6	6
26	8	6	8	9	8	6	8	12	5	6	5	6	5	4	4	3	5	4	4	3	3	4	3	2	8
27	4	8	5	7	6	11	12	20	14	12	12	8	6	11	6	6	5	7	5	4	4	4	3	2	8
28	6	4	4	3	4	8	7	10	9	10	13	12	14	12	13	6	7	5	8	7	7	5	5	4	8
29	4	4	4	3	4	3	7	6	3	2	4	2	3	3	7	4	4	5	8	8	7	6	10	8	5
30	10	4	5	5	6	5	5	7	5	21	****	19	14	3	3	4	5	4	5	4	4	5	5	4	7
31	5	6	4	6	6	7	9	12	7	5	5	6	3	9	16	6	4	5	5	4	7	14	7	8	7
MEAN	4	3	3	4	4	4	5	7	6	6	7	6	6	5	5	5	4	3	4	3	3	4	4	4	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	7	8	4	6	6	5	4	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	****	****	****	****	****	21	1	2	4	4	2	2	7	3	2	2	3
5	2	1	0	1	1	1	1	2	****	****	13	5	5	5	4	6	3	3	1	1	2	1	3	3	3
6	5	4	4	4	6	6	7	5	7	7	9	8	6	4	4	3	2	3	3	2	3	3	4	5	5
7	5	3	3	3	2	3	3	3	2	10	8	4	7	7	4	5	5	6	4	7	7	10	19	20	6
8	20	18	15	14	9	8	12	15	10	9	6	6	7	4	2	5	3	0	1	3	3	2	4	5	8
9	7	5	4	4	6	6	3	4	4	4	4	4	5	5	4	4	4	2	2	2	3	2	2	4	7
10	4	4	3	3	3	4	7	9	16	11	8	10	10	7	6	6	3	4	8	6	4	18	17	7	7
11	25	15	15	18	13	7	6	9	7	9	4	4	4	4	4	5	4	4	4	3	3	3	2	2	7
12	2	4	4	2	3	4	6	9	5	5	8	9	12	5	3	7	10	7	6	7	10	10	12	7	7
13	5	12	7	7	5	5	10	16	10	8	22	14	12	9	7	18	16	13	7	10	11	13	13	25	11
14	11	9	10	6	10	20	20	31	20	22	24	19	20	8	4	7	3	4	4	4	6	5	5	5	12
15	5	5	7	6	6	10	9	8	8	11	11	7	5	5	4	5	3	3	5	6	7	5	5	5	6
16	7	6	6	7	6	5	4	10	5	3	4	3	1	1	0	0	0	0	0	0	0	0	0	0	3
17	0	0	0	0	1	1	2	3	5	****	0	0	****	****	0	****	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	3	3	1	2	0	0	0	0	1	3	2	2	1	0	1	0	1	1
19	1	0	1	1	2	2	3	7	6	5	2	1	0	4	7	4	4	3	3	2	4	3	2	3	3
20	2	2	3	6	3	5	12	8	6	9	9	4	5	2	2	1	0	0	0	0	0	0	0	0	3
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	1	0	0
22	1	3	1	0	0	1	1	1	1	0	1	2	1	0	1	1	1	0	0	0	0	0	0	0	1
23	1	1	0	0	1	0	0	1	8	0	****	1	1	0	1	1	3	1	1	1	1	****	0	0	1
24	0	0	0	1	1	2	4	4	1	1	0	2	4	6	4	4	4	2	4	4	2	1	2	2	2
25	1	1	1	1	1	2	5	7	10	10	10	5	6	6	3	4	4	3	3	2	3	3	4	3	4
26	2	3	2	2	4	5	5	9	17	6	7	5	3	6	3	2	1	1	1	2	1	2	1	1	4
27	1	1	2	5	3	1	3	1	1	0	1	0	0	1	1	1	3	1	1	1	1	1	0	1	1
28	2	2	3	2	5	4	5	7	3	7	3	2	3	2	1	1	1	1	0	1	0	1	0	0	2
29	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2	1	0	2	1	1	1	1	1	1
30	0	0	0	0	0	1	1	2	1	0	1	1	1	2	3	4	3	3	0	1	1	0	0	1	1
31	1	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
MEAN	4	3	3	3	3	4	4	6	5	5	6	4	4	4	3	3	3	2	2	2	3	3	3	4	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	4	1	1	2	3	1	0	0	0	0	0	0	0	1	0	0	1	1	****	****	****	1
2	***	***	***	***	***	***	***	***	***	7	5	1	4	2	2	4	4	3	6	2	3	2	1	4	****
3	3	1	1	2	3	6	4	5	5	5	5	5	0	0	0	4	7	5	4	4	5	3	4	3	4
4	2	6	2	3	3	6	4	8	1	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	0	0	1	***	***	***	***	***
6	5	0	0	0	0	0	1	0	0	0	0	2	2	1	1	1	1	1	2	3	4	4	2	1	1
7	1	2	2	1	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	1	1	1	1	3	4	6	4	3	6	3	3	5	6	4	***	***	6	6	5	8	6	4
9	6	5	3	2	2	2	3	3	3	3	3	2	4	6	6	5	5	6	5	6	5	5	5	4	4
10	4	4	4	6	6	5	4	6	8	15	7	3	0	0	0	0	0	0	0	2	2	4	2	2	4
11	2	1	0	3	2	2	4	5	2	0	0	0	0	0	0	0	0	0	0	2	5	3	4	3	2
12	5	2	3	5	4	4	7	12	6	4	2	2	4	4	3	3	3	2	2	3	2	2	2	2	4
13	5	5	5	4	4	3	6	3	0	0	10	1	1	1	0	1	1	0	1	2	1	2	3	2	3
14	2	2	3	3	2	1	2	3	2	2	1	0	1	1	2	3	3	1	1	0	1	3	4	3	2
15	0	0	0	1	0	1	6	5	4	3	2	2	3	4	4	3	2	1	0	1	0	1	1	3	2
16	4	1	1	4	4	2	2	2	0	0	0	0	0	0	0	0	0	2	1	1	0	1	1	2	1
17	3	3	5	2	8	8	5	10	6	2	2	3	4	3	4	13	4	11	12	6	6	7	6	4	6
18	3	3	3	3	3	2	3	6	5	5	6	8	4	4	4	4	6	6	7	6	1	1	2	2	4
19	2	2	2	2	1	2	2	2	2	1	2	1	1	2	1	1	2	2	1	3	2	0	0	3	2
20	3	6	5	4	6	6	5	6	8	8	3	2	6	4	5	4	5	3	3	3	4	4	4	7	5
21	7	4	9	6	7	9	18	16	16	8	9	8	10	10	7	10	5	3	2	3	4	5	5	4	8
22	4	3	2	3	3	4	10	8	8	11	7	8	4	2	3	2	1	1	1	3	3	3	1	2	4
23	1	1	3	1	2	1	2	2	***	***	***	6	2	2	5	4	5	5	5	2	2	3	2	3	3
24	2	3	5	2	3	0	1	2	3	2	2	2	3	4	5	5	9	8	4	2	3	2	2	1	3
25	3	4	5	1	1	5	9	13	15	9	2	0	1	1	2	2	2	2	10	15	5	4	5	5	5
26	4	6	7	8	7	3	12	12	11	6	4	4	7	5	6	6	4	1	2	***	***	***	***	***	6
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	5	6	6	4	1	0	0	1	1	2	***
28	1	0	1	2	3	4	5	2	2	1	0	0	0	0	1	0	1	0	0	1	1	0	0	0	1
29	0	0	0	0	0	4	2	4	4	2	2	4	4	5	6	8	2	2	2	6	5	5	4	5	3
30	4	4	4	5	6	11	8	9	11	3	1	0	1	0	0	1	2	0	3	1	1	1	1	2	3
MEAN	3	3	3	3	3	3	5	6	5	4	3	2	2	2	3	3	3	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	8	1	2	3	7	8	2	1	1	4	4	3	2	2	1	2	1	2	1	0	1	3
2	2	2	5	6	7	3	3	6	7	6	5	4	8	11	10	8	5	4	5	16	1	3	2	2	5
3	2	2	5	4	4	3	4	8	3	2	1	1	2	0	0	0	0	0	1	1	1	0	0	0	2
4	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	6	7	4	1
5	4	6	4	4	10	12	30	49	29	11	6	1	4	4	5	8	7	7	5	2	2	2	2	7	9
6	7	6	3	3	6	8	12	10	9	12	5	4	6	11	9	9	7	6	9	9	11	14	9	14	8
7	17	13	11	16	19	18	26	11	25	10	12	12	14	23	22	14	11	9	9	7	8	8	12	16	14
8	14	13	12	11	25	52	41	19	21	22	14	12	9	9	9	10	14	8	5	5	4	5	5	8	14
9	8	5	7	7	6	5	8	12	9	8	6	6	6	6	6	7	8	4	5	7	5	5	2	2	6
10	2	2	2	2	2	11	2	3	5	7	4	1	0	1	1	2	3	4	3	5	4	2	4	4	3
11	2	2	2	1	2	4	2	3	4	2	0	0	0	0	0	0	0	0	0	0	1	0	1	1	
12	2	2	2	3	4	4	4	6	8	5	7	8	8	7	4	5	2	3	4	4	3	3	3	5	4
13	6	5	3	3	2	2	4	8	4	4	4	4	3	3	5	6	6	3	4	4	6	9	13	5	
14	7	9	8	11	14	12	12	15	15	10	11	8	9	12	7	6	3	3	3	2	2	1	0	0	8
15	0	1	1	1	0	1	3	6	4	5	5	3	4	6	8	3	2	1	2	2	3	5	6	2	3
16	0	0	0	1	0	1	6	7	3	5	6	2	3	1	3	2	2	2	1	3	3	3	3	4	3
17	5	4	7	7	6	6	12	11	8	5	3	1	2	4	2	2	4	4	6	12	20	14	9	6	7
18	3	4	5	7	6	8	9	8	4	2	3	2	1	1	1	1	1	2	2	1	1	1	2	2	3
19	2	4	5	5	7	22	12	15	11	4	2	1	2	3	3	2	2	2	2	2	3	2	1	1	5
20	4	4	3	0	5	22	20	4	17	10	8	8	9	8	7	6	7	6	5	8	13	5	3	4	8
21	4	7	5	6	9	6	7	9	8	6	6	6	6	6	6	8	6	6	4	4	4	5	6	5	6
22	3	5	7	5	5	6	3	3	3	2	3	2	4	8	12	7	11	9	7	8	5	5	4	4	5
23	4	3	3	4	3	3	6	10	12	14	6	5	11	16	14	15	14	14	14	8	5	8	7	6	9
24	5	8	10	7	3	6	9	9	6	9	10	10	6	4	5	4	5	6	5	6	8	14	10	8	7
25	4	3	2	5	4	6	5	5	6	2	2	2	2	3	2	2	2	4	5	6	5	2	2	2	3
26	3	3	3	3	5	5	6	6	9	7	5	4	4	4	5	5	5	4	6	3	3	2	2	2	4
27	2	2	3	4	4	3	2	4	5	4	3	5	3	3	3	3	3	2	2	2	3	4	4	5	5
28	3	3	2	5	3	4	5	11	6	6	6	4	4	5	4	6	7	4	3	3	3	4	4	5	5
29	5	4	3	3	5	5	7	8	8	8	6	5	5	7	8	7	7	7	6	6	4	5	7	6	6
30	5	6	9	6	7	9	8	11	11	12	6	7	3	7	7	4	2	7	6	7	5	4	1	4	6
31	4	2	4	4	3	13	7	4	3	7	2	5	3	5	4	7	10	10	8	3	4	3	1	7	5
MEAN	4	4	5	5	6	8	9	9	9	7	5	4	5	6	6	5	5	5	5	5	5	4	4	5	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	0	0	2	3	7	3	3	4	4	4	6	5	4	7	8	9	10	11	9	8	11	15	11	6
2	8	10	5	5	5	7	8	3	8	4	5	5	4	4	3	2	5	7	3	11	7	9	2	10	6
3	3	8	1	7	3	5	2	2	8	2	2	4	6	2	10	4	5	16	5	5	9	3	4	8	5
4	3	2	8	5	5	3	7	5	9	13	11	6	3	1	1	5	0	1	1	7	1	2	3	6	5
5	2	7	10	13	9	11	11	3	3	2	3	3	2	1	3	3	5	8	6	1	4	10	7	10	6
6	5	3	8	6	7	10	7	8	8	11	6	5	3	6	7	6	8	4	5	4	7	6	5	4	6
7	4	5	5	6	6	5	6	6	***	***	2	***	***	***	***	2	2	3	3	4	5	5	6	6	5
8	3	4	6	1	6	1	9	18	8	6	3	1	0	3	1	3	3	3	2	4	4	4	5	8	4
9	14	5	4	6	14	9	14	12	20	10	15	9	8	8	8	9	12	10	11	10	9	7	9	8	10
10	7	7	8	5	4	5	3	4	6	9	4	1	2	6	9	9	13	17	17	18	16	20	8	12	9
11	10	9	13	18	13	9	12	21	18	8	10	14	7	5	6	5	7	4	9	8	6	7	8	8	10
12	4	8	6	10	11	3	1	3	3	5	5	5	5	5	5	5	0	0	0	6	0	2	4	3	4
13	2	8	2	2	4	4	3	3	3	3	4	4	4	0	1	1	4	3	3	3	4	4	2	3	3
14	3	3	3	1	1	0	1	1	1	4	3	2	1	4	1	9	0	10	4	21	11	4	6	4	4
15	8	4	2	1	8	5	1	5	1	3	3	2	2	2	1	4	6	1	1	0	0	0	1	1	3
16	0	1	0	0	3	7	7	6	7	7	6	3	3	4	4	3	6	7	8	6	3	5	3	1	4
17	3	4	6	3	10	7	4	5	10	7	14	6	6	7	6	5	5	6	8	9	8	9	8	7	8
18	6	10	5	5	22	9	13	6	9	8	6	6	6	6	6	8	11	10	11	6	5	5	5	7	8
19	7	5	8	8	7	12	19	21	13	18	20	11	13	11	12	10	14	10	9	10	10	10	10	11	11
20	9	7	7	7	7	5	6	8	10	7	8	10	6	3	2	1	6	4	3	2	3	2	4	2	5
21	1	1	0	0	0	0	1	1	1	0	0	1	1	0	3	3	3	4	3	4	5	6	4	2	2
22	3	6	7	7	6	5	4	5	4	6	2	4	5	5	5	5	4	4	0	0	1	0	1	0	4
23	0	1	1	0	0	0	1	3	2	3	3	2	***	***	***	***	***	4	5	7	10	3	4	3	3
24	5	5	3	2	4	2	3	3	4	5	3	3	3	2	4	1	3	4	5	4	4	5	4	4	4
25	4	2	2	3	2	5	5	6	5	5	5	5	6	8	8	5	8	4	5	5	6	4	5	5	5
26	7	7	8	8	12	12	15	17	15	11	11	12	13	11	12	12	11	9	9	9	8	9	7	8	11
27	8	12	11	10	9	10	11	17	18	12	11	16	13	7	9	11	11	8	22	11	17	10	8	7	12
28	9	7	6	6	3	4	5	4	4	6	6	6	13	8	1	5	9	9	10	13	9	3	3	6	5
29	3	4	4	4	2	1	4	1	3	2	2	19	2	3	4	7	3	10	9	7	11	4	3	4	5
30	4	2	***	***	***	***	***	5	4	5	2	1	1	1	2	2	3	4	***	***	***	11	7	7	4
MEAN	5	5	5	5	6	5	6	7	8	6	6	6	5	5	5	5	6	7	7	7	7	6	5	6	6

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	4	3	5	4	3	6	3	6	6	5	4	4	6	9	16	13	12	13	14	11	4	7
2	2	1	1	0	0	1	1	4	5	7	4	3	1	0	1	2	2	3	6	7	6	5	5	3	5
3	4	4	5	4	4	4	5	8	8	6	6	11	8	6	4	1	4	5	5	3	2	3	2	1	5
4	1	1	1	1	2	2	3	3	2	4	2	4	2	1	1	1	4	3	3	4	5	6	5	3	3
5	4	9	10	11	12	8	7	13	13	12	10	4	5	10	13	18	12	5	4	3	1	0	1	1	8
6	1	1	1	0	1	0	0	1	0	1	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1
7	7	9	6	3	5	6	8	14	12	11	8	7	7	8	9	10	12	15	10	6	5	7	6	9	8
8	5	4	7	9	8	7	6	9	11	10	7	9	8	9	7	6	6	6	5	5	4	3	4	3	7
9	2	3	3	1	3	3	2	3	4	3	4	4	5	5	7	4	6	7	8	5	4	5	6	4	4
10																									
11	8	3	4	4	5	4	5	7	4	6	7	8	7	7	6	6	9	4	2	4	2	2	2	2	5
12	3	3	2	4	2	7	3	7	5	5	6	5	6	4	6	4	8	4	5	3	4	9	5	2	5
13	4	11	7	4	6	5	5	6	7	8	4	6	6	8	9	4	6	5	6	4	3	5	5	4	6
14	8	7	5	7	10	10	11	16	16	7	7	3	7	6	2	5	8	12	7	8	8	5	6	8	5
15	6	2	2	2	6	4	4	10	11	10	7	9	4	2	3	3	6	10	7	4	4	2	4	3	5
16	4	4	4	3	5	2	5	4	3	5	5	5	6	7	6	7	6	8	6	4	3	4	6	4	5
17	6	4	4	3	3	3	3	4	4	9	7	8	6	7	8	6	6	6	6	4	3	5	4	3	5
18	3	5	2	2	1	5	12	12	10	10	13	8	5	8	6	5	4	4	4	4	3	5	4	4	6
19	7	6	7	10	9	8	9	10	17	10	8	10	6	4	2	3	2	3	3	1	0	0	0	0	6
20	0	0	0	0	0	0	1	1	2	1	2	2	2	3	3	3	2	3	3	2	1	4	2	1	2
21	1	0	5	3	3	4	5	4	***	***	***	***	***	***	***	***	***	***	***	***	0	7	4	5	***
22	3	5	7	4	2	3	4	5	0	6	7	8	6	4	9	4	5	7	4	9	6	5	5	5	5
23	6	6	5	3	3	5	4	4	6	13	6	8	6	9	2	11	5	7	4	5	1	3	8	11	5
24	7	10	4	0	2	5	5	6	6	2	2	2	2	1	1	4	5	5	0	6	10	7	4	3	4
25	4	3	4	1	14	14	6	10	3	7	6	6	6	9	6	10	9	16	7	4	13	12	12	9	9
26	9	8	12	8	8	5	3	5	17	4	2	19	12	3	3	2	2	1	2	2	3	1	4	3	5
27	6	11	8	5	6	7	6	4	4	5	4	1	4	2	3	2	2	1	1	3	2	2	2	6	6
28	6	1	2	2	1	3	8	4	6	3	6	4	4	6	4	5	10	7	5	5	5	7	4	6	5
29	7	7	5	5	9	9	5	8	17	15	5	5	4	4	3	3	6	5	5	6	5	7	4	6	7
30	6	4	4	7	4	4	7	10	15	10	7	6	3	5	3	6	10	8	8	7	6	10	9	10	7
31	9	6	7	11	9	7	8	10	13	14	15	14	11	9	6	5	9	9	6	8	6	7	4	5	9
MEAN	5	5	4	4	5	5	5	7	8	7	6	6	5	5	5	5	6	6	5	5	5	5	5	4	5

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	7	12	21
FEB	18	5	12	21
MAR	8	2	2	8
APR	30	5	15	42
MAY	31	5	15	44
JUN	30	5	13	29
JUL	31	5	9	21
AUG	31	4	12	31
SEP	30	3	8	18
OCT	31	6	14	52
NOV	30	6	12	22
DEC	31	5	9	19
YEAR	326	5	15	52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	182	304	62	28	2	0	0	578
FEB	250	134	26	4	2	0	0	416
MAR	175	6	0	0	0	0	0	181
APR	453	207	35	11	12	1	1	720
MAY	403	212	41	21	10	5	3	695
JUN	432	200	56	21	8	0	0	717
JUL	413	259	54	14	3	0	0	743
AUG	523	162	22	17	6	1	0	731
SEP	500	145	14	3	0	0	0	662
OCT	372	284	60	11	11	0	3	741
NOV	303	313	62	19	5	0	0	702
DEC	337	333	47	10	0	0	0	727
YEAR	4343	2559	479	159	59	7	7	7613

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	0.5	1.6	3.3	5.4	9.8	12.7	17.0	19.9	52	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	4	0	2	2	2	10	4	10	4	2	4	4
2	2	6	16	8	10	4	6	14	12	8	6	6	7
3	1	4	4	2	1	8	8	12	18	4	2	4	5
4	4	6	6	8	6	6	6	6	6	8	6	6	5
5	4	2	4	6	1	2	6	6	6	8	4	2	4
6	2	4	4	8	10	4	6	4	6	4	8	8	6
7	4	4	4	4	4	2	4	10	6	6	2	2	5
8	4	4	4	4	0	4	4	4	6	8	2	2	5
9	6	4	8	0	6	4	12	4	6	8	2	2	5
10	2	2	4	6	1	1	1	4	2	8	2	2	3
11	6	1	0	4	8	6	8	6	14	16	2	2	6
12	4	1	4	6	10	10	16	8	10	8	1	1	7
13	4	6	4	4	2	2	6	1	4	6	2	6	4
14	6	2	6	6	4	8	6	2	6	12	8	4	7
15	1	6	10	6	6	8	10	6	6	6	6	10	7
16	14	12	22	14	16	12	10	8	4	0	6	2	10
17	2	4	1	6	4	2	2	1	4	4	1	1	3
18	1	0	1	2	0	2	2	2	8	1	2	2	2
19	8	4	4	10	8	6	6	6	1	2	2	2	6
20	10	4	8	6	0	6	4	10	10	2	4	2	6
21	4	2	6	4	0	4	1	4	4	4	8	4	4
22	4	8	10	10	1	6	4	1	4	4	8	6	6
23	4	6	6	4	1	2	4	2	6	4	6	10	5
24	18	4	10	1	4	8	10	8	6	6	4	8	7
25	10	8	14	16	12	6	12	6	12	1	6	6	9
26	6	12	4	2	8	2	6	6	8	6	12	8	7
27	10	12	12	12	6	10	12	16	14	4	8	6	10
28	4	4	10	6	4	8	12	14	14	8	2	2	6
29	8	4	14	8	8	6	8	4	6	4	6	6	5
30	4	4	1	6	1	6	2	10	4	4	6	6	5
31	4	2	4	6	6	6	2	6	8	6	8	10	6
MEAN	5	5	7	6	5	5	7	6	7	6	5	5	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	2	8	2	6	1	6	2	2	6	12	10	5
2	10	6	10	4	18	12	14	4	2	2	2	0	7
3	0	6	2	1	2	2	1	2	2	4	4	2	2
4	2	4	12	6	2	1	4	4	4	12	4	8	5
5	4	10	6	4	2	6	6	6	8	12	8	12	7
6	14	22	16	8	8	10	12	8	6	6	10	8	11
7	10	10	6	6	6	12	12	14	16	14	18	27	13
8	41	38	41	27	14	14	12	12	22	12	12	8	21
9	6	4	6	8	12	8	10	12	6	4	16	8	9
10	12	8	8	8	10	6	12	8	6	8	6	2	8
11	2	6	2	2	6	2	6	4	1	4	2	6	4
12	4	1	1	0	1	1	2	4	2	1	***	1	2
13	2	2	8	8	4	1	6	4	4	4	2	4	4
14	4	8	8	2	4	4	6	6	8	4	8	2	5
15	6	6	6	2	4	2	4	6	6	8	4	2	6
16	6	8	4	4	4	4	8	6	2	20	8	6	6
17	12	10	10	10	14	10	12	22	22	20	14	12	14
18	14	18	14	10	12	12	8	6	8	6	1	14	9
19	4	4	8	4	2	4	6	6	6	6	2	2	5
20	4	4	2	4	2	2	2	4	4	4	6	4	4
21	8	4	4	2	4	4	4	4	8	1	4	4	4
22	8	8	12	2	6	4	1	1	2	0	2	4	4
23	2	2	8	0	8	1	2	4	2	6	6	10	4
24	6	10	6	2	4	4	4	8	6	6	4	4	5
25	0	4	2	2	4	2	4	1	1	2	6	10	3
26	8	4	4	4	2	8	12	6	4	12	10	8	7
27	10	12	6	12	2	6	2	2	2	6	6	4	6
28	4	6	4	1	6	1	2	0	10	6	6	8	5
MEAN	8	8	8	5	6	5	7	6	6	6	7	6	7

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX						UNITS - COHS/1000FEET X 10							
STATION - UNIVERSITY OF TORONTO						NO 31002		MONTH MAR		70			
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	16	14	2	6	6	1	8	6	4	10	4	7
2	6	6	4	6	4	8	1	4	4	6	1	8	5
3	2	10	2	4	8	1	12	2	8	6	1	4	5
4	10	10	8	8	8	8	8	2	6	8	2	4	7
5	6	2	0	4	1	2	6	8	4	0	2	0	3
6	8	4	6	4	4	****	****	****	****	****	****	****	****
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13	****	****	****	****	6	2	1	2	2	0	2	4	2
14	4	4	1	1	4	0	1	2	4	1	1	6	2
15	4	1	0	1	0	0	2	2	4	8	2	4	2
16	4	4	****	0	1	2	2	4	2	6	4	4	3
17	6	8	4	2	6	6	1	1	8	10	16	16	7
18	14	10	10	1	6	1	4	6	8	10	8	4	7
19	4	4	6	6	6	6	10	14	12	14	6	6	8
20	8	4	6	6	4	10	8	4	4	2	6	6	6
21	2	6	4	4	1	1	1	6	6	2	2	0	3
22	8	6	2	1	1	8	4	2	2	2	4	2	4
23	4	2	8	4	1	1	4	1	2	6	1	6	3
24	4	6	4	4	1	1	2	4	4	12	10	2	5
25	2	4	6	2	4	2	2	6	2	1	4	1	3
26	1	6	2	4	4	12	4	1	4	4	0	4	4
27	4	1	2	1	1	2	6	4	8	6	1	1	3
28	2	6	6	8	4	0	4	1	4	2	0	2	3
29	1	1	0	1	2	1	1	1	0	2	2	4	1
30	0	2	1	4	4	0	1	0	1	4	4	1	2
31	1	8	2	8	6	2	8	4	4	2	4	2	4
MEAN	5	5	4	4	4	3	4	4	5	5	4	4	4
PERCENTAGE OF DATA VALID - 77													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX					UNITS - COHS/1000FEET X 10								
STATION - UNIVERSITY OF TORONTO					NO 31002								
MONTH APR 70													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	****	****	5	5	7	8	9	4	2	2	5
3	3	3	4	3	3	0	3	4	2	3	6	9	4
4	2	7	7	5	2	1	3	2	3	0	7	3	4
5	5	3	1	2	2	2	1	7	4	4	5	7	4
6	5	7	4	3	11	7	7	7	5	2	5	2	5
7	7	5	2	3	1	2	0	3	3	5	4	4	3
8	5	5	5	8	7	6	3	5	3	8	4	3	5
9	7	5	2	3	2	1	1	3	2	2	0	1	2
10	0	2	0	3	0	0	0	3	2	2	1	5	2
11	3	2	0	1	0	2	1	2	1	1	3	4	2
12	2	3	5	2	3	3	1	4	3	0	0	2	2
13	2	3	9	13	2	0	2	2	3	2	2	4	4
14	2	0	2	3	2	2	5	4	3	4	6	3	3
15	4	5	0	2	3	3	2	2	5	10	3	3	4
16	10	9	7	11	5	2	2	4	5	6	7	6	6
17	17	13	15	10	11	6	5	2	0	4	5	1	7
18	2	0	2	0	2	0	2	2	1	0	4	2	1
19	2	0	4	0	1	3	2	5	4	2	2	3	2
20	0	2	3	1	5	6	2	3	2	9	11	9	4
21	11	2	2	0	5	0	3	2	2	2	0	2	3
22	3	3	3	2	2	7	1	1	0	7	4	3	3
23	3	1	0	0	8	2	0	3	0	1	2	3	2
24	0	2	5	4	2	3	2	2	4	3	3	3	3
25	1	2	4	6	2	0	0	0	3	4	5	9	3
26	2	2	2	9	12	0	0	2	0	4	2	3	3
27	6	2	3	3	14	3	1	3	3	2	6	5	4
28	5	9	7	3	5	4	2	3	2	0	3	2	4
29	3	0	4	5	0	2	0	0	2	2	1	2	2
30	0	3	2	0	6	3	7	3	4	5	3	3	3
MEAN	4	4	4	4	4	2	2	3	3	3	4	4	3
PERCENTAGE OF DATA VALID - 95													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	5	2	2	5	2	2	2	3	0	0	3
2	3	0	3	0	0	2	0	2	1	0	0	0	1
3	1	1	2	0	2	0	0	1	2	2	2	0	1
4	0	2	0	2	4	5	1	0	2	2	3	0	2
5	2	2	2	2	6	10	9	5	1	4	0	7	4
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	2	2	1	3	4	2	2	2	2	1	1	2

PERCENTAGE OF DATA VALID - 16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	0	5	4	4	3	4	2	3	3	3
18	0	3	5	5	4	4	2	5	3	9	2	2	4
19	1	2	0	2	1	1	0	0	0	2	2	2	1
20	3	2	3	5	5	2	2	2	6	3	2	1	3
21	3	9	5	11	6	7	3	0	7	0	3	3	5
22	2	0	5	0	5	4	1	2	0	2	6	0	2
23	0	2	0	2	3	2	1	2	0	2	0	2	2
24	5	3	2	0	2	2	5	3	8	1	0	2	3
25	4	1	0	5	7	0	1	3	0	2	10	3	3
26	3	3	2	8	9	3	0	0	0	0	0	2	3
27	0	5	0	0	0	1	1	0	0	2	0	1	1
28	0	0	2	3	1	0	2	1	0	0	1	3	1
29	3	0	2	1	3	1	2	0	3	0	2	3	2
30	6	2	4	5	2	0	0	0	0	0	2	2	2
MEAN	2	2	2	3	4	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - UNIVERSITY OF TORONTO							NO 31002						
							MONTH OCT 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	1	0	2	2	2	2	4	1	2	2
2	2	3	1	0	3	2	9	6	2	5	2	2	3
3	0	4	0	1	2	2	1	1	1	0	0	0	1
4	0	2	0	3	1	2	2	3	2	2	4	0	2
5	2	3	4	19	6	1	2	4	2	3	5	3	5
6	2	5	4	8	7	0	2	4	4	2	8	10	5
7	7	6	11	18	14	5	15	12	9	9	3	6	10
8	9	6	11	16	11	8	8	7	4	4	0	5	7
9	4	6	2	4	4	6	6	1	5	3	2	4	4
10	0	2	2	3	2	1	0	0	0	2	2	4	2
11	0	0	3	3	0	1	2	0	1	0	0	0	1
12	1	2	0	7	7	2	4	4	2	5	2	2	3
13	1	2	1	8	2	5	2	3	4	3	2	8	3
14	5	5	8	7	7	6	9	3	3	2	0	0	5
15	2	4	0	3	1	2	0	3	0	0	3	2	2
16	3	2	8	3	4	0	2	2	2	2	2	3	3
17	2	1	2	5	5	1	0	0	2	1	6	5	3
18	2	2	2	4	2	0	0	3	0	2	1	0	2
19	6	2	6	7	1	2	0	2	0	1	2	0	2
20	4	2	3	2	3	4	4	5	3	2	3	7	4
21	5	5	5	4	7	2	2	3	4	3	3	2	4
22	3	2	6	2	0	4	2	5	9	2	5	4	4
23	2	2	1	3	***	5	2	6	9	2	8	5	4
24	3	2	0	6	8	9	2	3	2	3	3	0	4
25	0	5	2	6	3	2	3	0	2	5	2	1	2
26	5	0	3	1	2	2	2	4	2	3	3	5	2
27	2	0	4	2	0	2	0	0	2	2	3	5	2
28	2	2	2	2	0	5	0	7	2	5	5	9	3
29	3	2	3	3	5	0	2	2	3	7	7	7	4
30	4	3	3	2	3	0	5	3	6	4	0	5	3
31	0	5	2	4	1	2	3	2	2	4	0	3	2
MEAN	3	3	3	5	4	3	3	3	3	3	3	4	3
PERCENTAGE OF DATA VALID - 99													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - UNIVERSITY OF TORONTO							NO 31002						
							MONTH NOV 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	5	3	3	5	5	0	3	3	2	5	3
2	3	2	0	2	2	7	4	3	7	3	4	2	3
3	2	3	2	2	0	4	2	4	0	2	0	3	2
4	5	1	2	3	0	2	0	5	2	3	2	0	2
5	0	2	2	6	0	0	2	5	2	4	0	5	3
6	3	2	2	0	0	3	2	2	2	7	2	6	3
7	5	2	2	0	0	2	0	2	2	0	5	***	2
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19	****	****	****	****	****	****	****	****	3	12	4	8	****
20	8	4	5	5	2	12	5	3	2	0	2	5	4
21	0	1	0	0	0	0	2	2	1	5	3	10	2
22	5	3	5	2	2	3	3	1	2	0	0	0	3
23	2	4	2	0	0	0	2	2	3	2	3	1	2
24	3	2	2	2	1	2	1	2	3	4	3	2	2
25	3	3	3	3	3	2	7	7	5	6	6	7	5
26	8	8	6	5	5	4	6	8	9	5	5	5	7
27	5	3	5	9	11	11	9	5	6	3	3	3	6
28	5	1	0	1	0	2	2	2	4	4	4	2	2
29	4	1	2	2	2	4	3	5	5	8	5	0	3
30	5	4	2	7	5	2	0	0	7	4	5	6	4
MEAN	4	3	3	3	2	4	3	3	4	4	3	4	3
PERCENTAGE OF DATA VALID - 60													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	4	4	6	8	6	9	5	9	3	7	5	6
2	2	3	0	2	3	2	2	3	2	2	2	3	2
3	0	5	7	4	4	6	5	2	4	3	2	5	4
4	1	2	2	3	0	1	0	0	6	4	1	3	4
5	5	2	6	8	7	6	4	3	3	2	2	0	2
6	3	2	3	3	2	2	3	2	0	5	6	7	3
7	2	2	3	4	3	2	3	0	3	2	7	7	6
8	10	5	3	7	3	2	4	4	10	9	4	2	4
9	5	9	6	3	8	5	4	***	0	2	4	2	3
10	2	6	4	3	4	2	4	4	6	2	1	2	3
11	7	3	4	6	5	3	7	2	6	6	2	1	4
12	2	0	3	5	6	3	0	2	2	2	3	5	3
13	3	2	2	1	2	2	2	5	1	6	7	2	3
14	2	2	8	4	16	5	5	2	1	4	4	6	5
15	4	5	4	9	7	4	5	2	6	6	4	2	5
16	6	1	3	3	3	3	8	6	9	5	5	7	5
17	4	4	2	2	7	3	6	6	6	4	4	3	4
18	4	2	4	3	***	5	3	6	8	5	4	0	4
19	5	6	3	9	6	5	5	0	4	0	2	0	2
20	2	0	0	2	1	2	5	3	3	1	3	2	4
21	3	1	3	2	3	4	3	3	2	2	2	3	3
22	3	2	0	2	5	4	1	3	3	2	3	3	4
23	7	2	3	3	8	6	3	0	3	4	1	7	4
24	1	3	0	4	3	0	2	3	4	8	4	2	3
25	0	1	3	1	5	5	2	4	7	8	6	4	4
26	4	2	2	1	13	10	3	2	0	3	3	2	3
27	2	6	4	6	2	1	3	4	3	2	4	1	3
28	3	6	2	4	2	3	0	4	3	4	4	0	3
29	2	0	7	0	4	4	2	2	3	4	4	0	1
30	0	0	0	0	2	5	4	0	1	2	2	0	3
31	3	4	3	1	4	5	2	2	6	2	4	2	3
MEAN	3	3	3	4	5	4	3	3	4	4	3	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - UNIVERSITY OF TORONTO

NO 31002

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	10	22
FEB	28	7	21	41
MAR	25	4	8	16
APR	29	3	7	17
MAY	5	2	4	10
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP	14	2	5	11
OCT	31	3	10	19
NOV	19	3	7	12
DEC	31	4	6	16
YEAR	213	4	21	41

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - UNIVERSITY OF TORONTO

NO 31002

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	178	160	25	8	1	0	0	372
FEB	158	125	35	8	6	1	2	335
MAR	192	85	8	3	0	0	0	288
APR	254	79	10	1	0	0	0	344
MAY	51	9	0	0	0	0	0	60
JUN	DATA MISSING							
JUL	DATA MISSING							
AUG	DATA MISSING							
SEP	137	27	1	0	0	0	0	165
OCT	276	86	6	3	0	0	0	371
NOV	153	62	4	0	0	0	0	219
DEC	268	100	1	1	0	0	0	370
YEAR	1667	733	90	24	7	1	2	2524

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77	0	0.5	1.5	2.9	4.7	7.8	10.0	13.4	15.6	41	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	6	8	6	4	8	1	8	8	6	8	8	6
2	8	8	16	20	12	12	6	16	14	12	12	8	12
3	2	6	4	8	6	14	12	8	16	10	10	9	9
4	12	8	6	8	2	12	10	6	1	8	4	8	7
5	8	10	10	6	6	4	4	6	4	10	18	14	8
6	2	4	6	6	8	6	4	12	12	10	8	12	8
7	8	6	12	8	8	10	2	4	2	8	4	8	7
8	2	10	6	4	4	2	4	2	2	4	1	2	3
9	2	2	2	6	4	8	4	10	4	4	6	8	5
10	6	6	2	2	0	6	2	2	2	6	1	8	4
11	1	2	4	8	4	6	6	6	4	6	8	10	5
12	2	1	6	10	2	8	6	4	8	6	4	6	5
13	4	1	2	4	1	2	4	4	4	4	2	2	3
14	4	6	4	6	6	6	8	2	4	10	10	6	6
15	8	4	8	2	2	4	6	6	4	6	2	8	5
16	6	8	16	12	10	12	8	6	2	1	2	4	7
17	4	6	4	1	1	1	6	2	2	2	10	6	4
18	4	1	2	1	0	1	1	6	2	6	4	4	3
19	6	2	8	8	8	10	8	1	0	4	4	10	6
20	6	4	8	2	4	4	4	4	4	2	2	6	4
21	4	2	4	4	4	4	4	8	0	2	8	4	4
22	2	8	12	8	2	12	2	6	6	8	2	2	6
23	4	4	1	4	6	4	8	2	4	6	1	4	4
24	8	8	8	6	8	4	4	2	2	4	12	8	6
25	12	12	10	8	6	4	6	8	4	10	8	8	8
26	8	4	6	8	8	8	10	4	6	2	4	4	6
27	4	6	18	12	8	8	10	20	16	12	10	8	11
28	6	8	12	4	6	6	10	14	8	4	6	2	9
29	8	10	16	14	12	14	10	2	4	8	2	2	10
30	8	8	14	8	4	6	12	10	12	14	8	10	10
31	8	8	2	10	6	6	4	4	2	4	1	8	5
MEAN	6	6	8	7	5	7	6	6	5	6	6	7	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	10	10	6	4	4	2	6	4	6	6	8	6
2	29	6	4	12	16	12	12	12	6	2	4	1	10
3	1	2	4	10	10	4	6	2	8	6	12	4	6
4	12	14	16	6	4	1	6	4	10	8	12	4	8
5	1	4	6	2	8	10	4	8	16	10	10	14	8
6	27	22	12	16	6	6	2	12	12	14	12	12	13
7	12	6	8	4	6	14	16	14	12	20	16	36	14
8	44	34	44	33	25	27	16	22	12	16	12	8	24
9	8	12	14	8	12	10	10	8	14	12	16	12	11
10	8	8	6	12	10	12	18	10	6	6	1	6	9
11	2	4	12	8	2	6	4	2	1	2	4	8	5
12	8	2	6	2	6	1	6	6	2	12	8	2	5
13	2	8	8	8	6	4	6	2	2	8	8	5	8
14	8	10	10	4	4	4	6	2	4	8	8	6	6
15	4	12	6	12	6	12	8	4	14	2	10	2	8
16	10	4	12	4	6	1	4	0	2	1	4	8	5
17	6	10	16	10	12	14	12	18	18	20	12	8	13
18	14	10	12	12	12	16	14	12	12	6	4	4	11
19	6	6	8	8	2	2	6	6	6	6	14	8	7
20	2	6	6	2	2	4	4	6	6	1	2	4	4
21	6	4	8	6	8	0	4	6	8	4	1	20	6
22	6	6	10	4	2	2	4	6	4	1	0	4	4
23	2	4	4	8	2	4	4	2	4	4	8	10	4
24	16	18	12	8	8	6	4	6	6	8	4	6	9
25	1	1	6	2	0	0	4	4	27	14	8	6	6
26	8	4	6	4	4	2	8	6	1	2	4	8	5
27	6	8	10	8	6	6	6	8	12	6	4	2	7
28	6	10	8	4	8	4	6	8	12	8	10	18	9
MEAN	9	9	10	8	7	7	7	7	9	7	8	8	8

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	12	18	12	8	1	8	6	10	6	10	10	9
2	10	6	6	8	6	6	2	12	10	16	12	14	9
3	10	8	12	12	12	12	8	8	6	4	8	8	9
4	6	6	8	10	12	8	12	12	12	10	8	6	9
5	4	8	8	8	6	4	6	6	6	4	4	4	6
6	2	6	10	10	2	8	2	1	2	6	8	10	6
7	8	6	4	0	4	1	4	6	4	2	4	2	4
8	2	4	2	0	2	0	2	4	6	8	8	4	4
9	6	10	10	8	10	8	2	1	2	2	2	4	5
10	6	6	8	2	2	2	4	1	4	2	10	8	5
11	6	4	1	1	2	1	8	4	10	6	6	6	5
12	8	12	12	6	10	12	14	4	4	4	8	6	8
13	6	8	6	6	4	4	6	4	0	4	6	4	5
14	8	6	10	1	1	4	4	4	6	10	6	6	4
15	8	4	4	6	4	6	2	4	4	1	1	8	4
16	4	12	10	2	1	4	4	2	2	4	12	10	6
17	12	10	8	2	2	8	6	10	8	14	18	27	10
18	18	14	10	14	6	12	12	12	6	12	8	12	11
19	16	16	16	14	10	12	10	10	20	18	8	8	13
20	10	6	14	8	8	10	6	6	8	6	8	2	8
21	1	2	8	8	6	6	4	8	10	6	4	10	6
22	10	10	10	6	4	4	8	6	8	12	4	6	7
23	8	4	8	10	4	8	2	2	8	10	2	2	6
24	2	6	4	2	1	2	2	10	4	6	4	6	4
25	8	10	12	8	6	6	4	4	4	2	8	8	6
26	6	4	4	8	4	8	2	4	1	4	2	4	4
27	2	4	1	4	4	4	6	2	6	4	1	6	3
28	4	4	8	6	6	8	4	6	10	12	12	12	6
29	2	4	4	2	0	1	6	8	6	8	12	12	8
30	26	2	1	8	4	8	6	8	6	10	12	12	8
31	10	12	12	12	12	8	8	6	6	4	2	14	9
MEAN	8	7	8	7	5	6	6	6	6	7	7	8	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	14	8	4	1	4	6	4	4	2	8	4	6
2	2	2	8	6	8	10	14	2	2	1	1	0	5
3	6	1	4	4	1	2	0	6	4	2	10	10	4
4	6	12	4	4	0	1	2	1	6	4	8	4	4
5	4	1	2	2	4	4	8	2	6	2	14	8	5
6	16	12	10	8	8	14	8	8	2	6	4	6	9
7	10	8	6	6	4	2	4	6	6	8	10	10	7
8	8	10	4	2	0	4	12	4	6	10	6	4	6
9	8	6	6	4	4	38	8	0	2	1	2	2	7
10	2	2	4	2	2	4	1	2	1	1	6	4	3
11	4	4	4	0	1	1	4	6	8	4	12	6	5
12	6	6	2	2	1	0	6	2	6	4	4	4	4
13	8	8	8	6	4	2	1	2	2	4	1	6	4
14	8	2	4	4	8	10	8	8	6	8	1	10	6
15	2	10	8	2	8	2	8	8	6	6	12	16	7
16	22	20	6	2	8	8	8	6	12	12	10	10	10
17	4	4	20	8	4	4	4	1	4	4	10	2	6
18	4	0	4	4	2	1	6	6	1	4	4	4	3
19	2	2	6	0	0	1	1	1	2	4	10	1	3
20	1	6	10	6	2	4	6	8	14	12	16	10	8
21	2	10	8	2	4	4	6	6	2	2	4	8	5
22	1	2	4	2	2	1	4	10	6	8	6	2	4
23	10	6	14	14	6	6	2	1	6	6	10	4	7
24	10	14	12	6	2	12	10	10	8	8	8	2	9
25	0	2	10	8	8	2	2	6	6	0	12	4	5
26	8	8	10	12	6	6	2	4	6	16	0	4	7
27	****	****	****	****	15	11	13	3	7	17	23	0	11
28	13	19	36	20	15	19	15	10	7	13	6	7	15
29	6	6	13	9	11	15	****	****	****	****	****	****	****
30	4	7	3	10	18	21	15	15	18	19	7	11	12
MEAN	6	7	8	5	5	7	6	5	6	6	8	6	6

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	7	5	2	7	2	3	10	8	5	10	4	6
2	5	1	2	0	5	5	6	8	3	3	2	0	3
3	4	0	0	2	4	0	0	2	3	4	7	9	3
4	0	0	15	7	7	9	13	8	5	3	7	2	6
5	0	2	5	9	6	4	0	5	0	2	3	2	3
6	2	2	6	7	0	2	5	4	2	5	3	0	3
7	4	2	3	8	11	3	6	0	0	3	2	11	4
8	6	11	19	16	13	16	21	17	13	19	15	26	16
9	27	17	14	13	3	2	5	3	2	3	0	0	7
10	5	1	8	15	9	5	0	5	0	3	9	4	5
11	2	12	7	4	0	4	4	9	5	9	3	8	6
12	3	0	2	7	7	8	3	3	5	8	3	2	4
13	10	9	11	19	9	9	17	15	6	7	6	3	10
14	4	4	2	5	2	5	9	1	7	11	2	1	4
15	5	5	2	5	2	6	0	2	7	6	4	15	5
16	11	5	2	3	10	10	5	4	0	0	0	7	5
17	5	1	11	7	6	2	2	3	4	0	7	5	4
18	7	2	6	8	7	5	1	2	2	0	3	5	4
19	5	5	7	13	14	6	3	7	2	1	8	2	5
20	5	0	3	5	3	3	3	4	5	2	8	9	4
21	3	9	5	5	3	3	7	7	7	11	23	13	8
22	8	5	10	6	10	5	3	0	9	5	4	9	6
23	5	2	0	2	0	2	3	8	5	2	3	2	3
24	8	9	13	5	0	6	1	2	1	2	4	6	5
25	0	0	5	5	9	5	5	8	5	7	9	2	5
26	3	3	10	11	11	9	0	1	0	2	2	5	4
27	3	14	2	2	0	0	2	0	2	6	8	4	4
28	7	2	3	3	8	6	11	11	9	5	2	6	6
29	3	7	8	2	3	2	0	1	2	5	1	6	3
30	6	2	2	0	5	5	3	10	7	4	6	2	4
31	3	2	3	4	3	2	0	0	2	0	5	9	3
MEAN	5	5	6	6	6	5	5	5	4	5	5	6	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	7	6	7	10	2	7	8	2	5
2	3	2	2	8	3	6	5	6	5	5	0	0	4
3	2	4	2	0	2	0	0	5	5	2	0	2	2
4	0	1	0	5	3	3	3	7	5	2	3	6	3
5	14	13	13	12	15	3	3	11	2	3	2	0	8
6	5	2	0	0	3	2	0	0	2	0	5	5	3
7	6	2	5	5	2	3	0	2	3	2	2	7	5
8	6	3	7	5	11	2	9	2	1	0	2	5	4
9	5	2	0	3	11	6	3	0	2	2	3	2	3
10	6	3	7	8	3	2	3	0	2	2	3	2	3
11	1	2	2	8	15	10	11	4	10	3	4	0	6
12	6	5	0	3	3	0	2	2	3	9	4	5	4
13	3	3	2	9	0	6	7	2	2	2	6	7	4
14	2	0	5	3	8	6	7	1	2	0	3	9	8
15	9	7	11	3	5	6	10	14	11	4	3	6	5
16	5	2	4	3	11	9	6	2	3	7	2	3	8
17	13	6	11	12	13	5	4	3	5	2	2	3	3
18	0	0	6	9	7	0	0	1	0	3	5	3	2
19	3	7	2	1	0	0	5	3	0	2	2	2	1
20	0	0	0	2	0	0	5	3	0	2	2	2	1
21	1	2	5	2	2	2	0	0	0	1	3	4	2
22	3	6	0	6	5	7	3	11	11	2	0	3	5
23	2	5	5	11	5	7	0	0	2	3	3	3	5
24	9	5	8	4	8	3	9	2	3	3	0	0	2
25	2	2	4	5	2	2	5	0	0	3	2	2	4
26	****	3	13	0	3	3	1	5	2	5	2	****	2
27	0	0	0	0	9	5	0	5	1	2	****	****	2
28							- DATA MISSING						
29							- DATA MISSING						
30							- DATA MISSING						
MEAN	4	3	4	5	6	4	4	4	3	3	3	3	4

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8	****	****	****	****	****	****	****	7	7	2	10	7	****
9	5	13	13	12	15	4	9	7	2	4	3	6	8
10	5	7	0	3	5	3	5	3	5	5	5	9	5
11	3	9	2	5	5	1	6	3	2	1	7	5	4
12	2	4	0	2	5	0	4	0	3	2	2	2	2
13	2	3	2	6	6	5	0	3	7	2	3	5	4
14	5	3	2	5	3	3	0	7	3	8	3	1	4
15	4	2	2	0	1	5	3	2	5	2	2	2	3
16	2	0	1	2	3	2	1	1	3	3	0	3	2
17	5	1	6	5	3	1	4	6	3	0	0	0	3
18	1	3	3	2	5	2	2	2	1	6	0	0	2
19	4	1	0	0	0	0	2	2	0	1	4	0	1
20	2	2	2	3	2	5	0	1	2	0	3	0	2
21	0	0	0	0	2	1	2	2	0	0	0	8	1
22	3	5	5	5	7	4	5	3	0	2	3	2	4
23	17	2	16	6	7	6	1	3	1	0	7	4	6
24	3	5	5	2	6	3	9	2	6	6	6	10	5
25	7	4	3	9	2	2	0	3	3	3	3	7	4
26	3	10	3	3	4	3	3	0	7	4	2	5	4
27	4	2	5	4	5	2	5	2	4	2	3	3	3
28	4	2	7	7	2	7	9	3	5	6	4	2	4
29	5	6	6	4	2	2	3	1	8	3	4	6	4
30	1	2	4	3	3	2	2	2	8	5	0	6	3
31	4	3	7	5	3	3	5	9	2	7	5	6	5
MEAN	4	4	4	4	4	3	3	3	4	3	3	4	4

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	8	3	2	2	0	2	0	3	2	2	3
2	3	2	0	2	2	0	2	0	0	0	2	2	1
3	0	2	0	2	3	0	0	0	0	2	0	2	1
4	2	0	1	3	2	4	0	4	0	0	3	5	2
5	1	3	2	3	5	****	0	3	3	2	3	2	2
6	7	6	5	9	8	5	8	7	5	3	5	3	6
7	9	5	7	4	4	4	3	7	0	3	3	6	5
8	8	13	10	8	7	2	2	3	0	2	0	0	5
9	2	0	5	2	0	5	0	3	4	3	2	0	2
10	4	5	9	2	9	6	3	2	5	2	3	5	5
11	3	11	1	8	3	5	2	2	2	4	2	1	4
12	4	4	0	5	3	7	7	5	7	8	2	5	8
13	7	8	7	7	17	11	9	5	9	7	5	11	7
14	9	8	3	8	11	8	9	3	5	3	7	6	7
15	6	7	5	9	5	13	6	7	2	7	3	2	6
16	8	5	7	5	8	3	6	3	0	2	0	2	4
17	2	0	3	2	5	0	1	****	7	2	0	6	3
18	3	2	5	0	7	7	5	5	7	9	0	2	4
19	3	5	0	3	4	3	5	1	4	2	1	0	3
20	5	5	2	3	6	2	4	2	4	2	0	0	3
21	1	2	0	2	7	2	1	2	2	2	3	3	2
22	4	2	3	5	4	3	0	4	2	5	2	0	3
23	0	0	0	3	2	2	1	0	2	1	6	2	3
24	3	2	3	6	10	5	5	3	4	4	2	3	7
25	3	4	5	3	7	9	5	3	2	4	3	5	5
26	3	3	5	4	6	13	5	7	4	2	5	7	3
27	2	3	2	5	3	4	2	2	1	1	2	0	3
28	2	0	2	7	7	6	2	5	2	4	3	0	3
29	1	0	3	0	3	0	2	0	0	6	0	2	1
30	6	1	3	5	0	1	4	0	7	2	1	0	3
31	3	2	0	2	7	0	2	2	0	2	0	3	2
MEAN	4	4	3	4	5	4	3	3	3	3	2	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - CITY HALL TORONTO
 NO 31003
 UNITS - COHS/1000FEET X 10
 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	0	1	5	0	2	2	2	2	3	2	2
2	0	3	2	6	15	9	3	7	2	4	2	4	5
3	3	3	5	4	6	5	4	9	5	7	5	6	5
4	4	5	4	3	9	1	2	2	0	1	1	2	3
5	2	5	2	4	2	1	2	1	1	2	1	3	2
6	3	2	0	0	3	0	7	5	2	5	3	6	3
7	2	2	5	2	3	0	2	1	1	0	1	3	2
8	2	3	3	5	8	7	4	7	8	3	6	8	5
9	5	6	5	5	7	7	6	4	4	8	5	3	5
10	7	6	5	2	3	5	7	0	2	2	1	2	4
11	1	2	2	5	5	3	2	0	2	0	1	6	2
12	3	5	0	5	13	3	0	6	2	2	3	1	4
13	3	3	2	7	3	2	1	3	2	0	2	3	3
14	1	5	3	2	3	5	2	1	4	2	3	3	3
15	2	5	2	5	2	5	4	3	5	4	3	2	4
16	2	3	5	3	3	2	2	0	3	2	5	3	3
17	3	6	10	15	11	4	3	3	3	3	2	5	6
18	3	3	5	4	7	2	3	8	6	7	8	2	5
19	2	2	5	1	7	2	3	5	3	3	4	3	3
20	2	9	7	3	6	5	3	5	5	4	3	2	5
21	6	17	8	7	11	3	3	2	2	6	9	3	6
22	3	5	0	1	5	13	4	3	4	2	0	2	4
23	3	0	3	4	2	7	2	4	4	4	7	4	4
24	8	9	6	6	5	4	4	8	11	5	4	6	6
25	2	2	1	5	7	17	1	1	2	2	7	10	5
26	9	7	1	12	9	9	2	7	3	5	2	0	6
27	1	3	0	0	0	2	6	0	2	0	0	2	1
28	2	5	2	2	5	5	0	2	3	5	4	1	3
29	1	1	4	0	9	2	4	3	2	4	6	3	3
30	2	4	9	3	10	6	2	4	0	4	0	5	4
MEAN	3	5	4	4	6	5	3	4	3	3	3	3	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - CITY HALL TORONTO
 NO 31003
 UNITS - COHS/1000FEET X 10
 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	7	0	5	7	4	0	2	4	3	3	1	3
2	1	4	3	3	10	2	5	8	9	3	4	2	5
3	6	2	8	4	6	1	6	4	1	1	2	1	4
4	2	0	2	1	3	2	2	0	2	0	2	7	2
5	11	4	5	15	40	19	4	3	5	5	0	1	9
6	6	3	5	6	10	10	7	4	6	8	7	8	7
7	13	15	20	17	31	25	17	26	23	11	13	17	19
8	21	18	14	13	14	28	10	12	14	12	3	9	14
9	9	6	11	7	14	11	10	8	7	5	4	3	8
10	2	1	2	2	5	4	2	1	1	3	4	6	3
11	4	2	2	0	2	1	0	5	0	2	1	1	2
12	3	3	2	6	6	5	4	9	6	5	7	4	5
13	8	15	11	9	4	9	6	6	6	2	3	6	7
14	9	4	13	8	8	8	5	9	2	0	2	0	6
15	2	0	1	2	4	2	4	3	3	2	1	2	2
16	5	0	2	3	9	4	0	2	1	2	3	2	3
17	8	7	8	6	14	10	3	2	5	4	11	7	7
18	2	2	2	4	5	2	0	2	2	2	2	2	2
19	***	3	11	14	3	1	7	5	3	1	2	4	5
20	3	7	7	12	6	7	5	8	5	5	10	2	6
21	10	8	9	9	6	7	5	6	5	4	2	2	6
22	5	4	10	8	9	5	10	9	23	10	2	4	8
23	4	7	3	3	4	4	11	12	7	7	7	5	6
24	10	6	3	8	8	8	2	2	14	2	15	8	7
25	5	2	3	2	5	2	6	0	0	8	2	4	3
26	4	3	10	2	9	7	6	5	7	0	3	3	5
27	3	3	5	6	4	6	4	6	3	2	2	4	4
28	2	1	3	3	2	4	2	6	5	2	0	3	3
29	2	0	0	5	3	5	2	5	2	2	2	5	3
30	5	9	2	9	12	8	6	7	2	6	2	8	6
31	5	4	5	3	4	10	8	4	5	2	3	0	4
MEAN	6	5	6	6	9	7	5	6	6	4	4	4	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	5	2	0	2	3	2	5	11	6	11	4
2	4	5	4	3	10	7	5	3	2	7	5	3	5
3	3	1	3	0	4	2	3	2	3	2	2	2	2
4	2	2	2	1	9	10	7	2	5	4	4	7	5
5	7	9	11	6	7	4	4	6	2	9	5	1	6
6	8	5	8	6	7	4	1	1	4	2	1	6	4
7	3	7	3	3	2	2	0	0	2	4	2	3	3
8	2	2	11	3	2	2	2	2	0	3	5	9	4
9	9	4	15	10	7	9	11	18	12	13	2	10	10
10	8	3	2	7	7	4	2	2	2	4	6	6	4
11	7	11	11	8	8	10	6	11	5	5	5	5	8
12	8	5	2	3	2	5	4	5	2	6	0	4	4
13	1	4	5	1	3	1	3	3	3	5	0	5	3
14	2	6	****	****	****	****	****	****	****	****	****	****	****
15													
16													
17	****	****	****	****	****	****	DATA MISSING	DATA MISSING					
18	7	3	4	16	8	4	6	0	8	5	8	4	****
19	4	2	8	5	3	11	8	7	9	8	3	8	6
20	6	8	3	12	7	7	4	5	1	2	3	2	5
21	3	1	3	3	0	3	1	1	0	2	2	2	2
22	3	5	2	3	3	4	3	4	0	3	2	1	3
23	0	2	0	4	0	3	2	0	3	2	2	4	2
24	2	7	2	7	5	4	7	4	5	5	8	3	5
25	1	2	2	5	3	6	6	3	3	3	7	5	4
26	4	4	3	3	5	7	4	3	7	3	7	1	4
27	2	2	7	12	14	7	10	9	4	5	6	6	7
28	2	5	2	0	3	3	3	4	2	1	2	3	3
29	1	2	3	2	2	1	3	1	6	11	4	2	3
30	2	1	3	2	8	5	3	5	4	2	4	2	3
MEAN	4	4	5	5	5	5	4	4	4	5	4	4	4

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	4	3	5	6	7	3	5	5	7	3	4	5
2	2	3	0	3	2	2	1	2	3	2	2	3	2
3	0	2	0	2	5	3	6	4	2	0	2	1	2
4	2	3	2	2	2	0	0	1	0	3	2	2	2
5	5	9	7	5	7	6	6	1	0	2	2	0	4
6	3	2	1	1	1	0	3	3	1	1	3	0	2
7	2	2	3	1	0	3	2	5	3	4	6	5	3
8	3	****	3	4	3	2	5	5	2	2	6	8	4
9	3	1	1	2	4	4	2	4	2	3	5	1	3
10	2	2	2	1	3	1	2	3	3	6	2	2	2
11	1	1	1	2	1	4	2	3	2	0	3	2	2
12	4	5	2	2	0	1	2	0	4	2	3	0	2
13	4	3	4	4	3	4	5	4	2	4	6	3	4
14	0	3	2	4	7	4	4	1	4	2	4	1	3
15	2	0	3	1	7	6	3	3	1	0	5	5	3
16	2	2	0	1	1	3	2	5	2	2	0	2	2
17	3	1	4	0	3	2	5	4	3	7	2	4	3
18	****	****	4	3	5	1	0	2	3	4	1	2	3
19	4	2	5	2	4	9	5	0	2	3	3	0	3
20	0	0	4	2	2	2	1	0	2	2	2	1	2
21	3	1	1	2	0	3	1	3	2	2	1	1	2
22	5	6	0	2	2	2	3	3	2	2	5	0	3
23	1	1	0	1	4	2	4	5	2	0	2	4	2
24	6	2	2	2	4	2	2	1	3	3	3	5	3
25	2	4	3	4	3	5	2	2	6	3	8	8	4
26	4	4	5	3	2	13	7	4	0	1	2	0	4
27	3	12	7	7	5	1	4	4	4	2	2	4	5
28	4	3	2	4	2	3	3	5	3	5	2	2	3
29	2	2	6	7	3	4	4	3	4	3	2	4	4
30	4	3	3	4	8	8	4	2	2	4	1	3	4
31	****	****	4	6	4	7	6	7	3	2	3	3	5
MEAN	3	3	3	3	3	4	3	3	2	3	3	3	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - CITY HALL TORONTO

NO 31003

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	12	20
FEB	28	8	24	44
MAR	31	7	13	27
APR	30	6	15	38
MAY	31	5	16	27
JUN	27	4	8	15
JUL	24	4	8	17
AUG	31	4	8	17
SEP	30	4	6	17
OCT	31	6	19	40
NOV	28	4	10	18
DEC	31	3	5	13
YEAR	353	5	24	44

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - CITY HALL TORONTO

NO 31003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	160	170	32	10	0	0	0	372
FEB	113	139	52	20	7	3	2	336
MAR	144	174	43	9	2	0	0	372
APR	163	133	35	13	3	2	0	349
MAY	184	149	27	8	4	0	0	372
JUN	202	95	22	0	0	0	0	319
JUL	187	88	4	2	0	0	0	281
AUG	246	116	7	1	0	0	0	370
SEP	236	114	8	2	0	0	0	360
OCT	190	139	28	6	6	2	0	371
NOV	193	109	16	2	0	0	0	320
DEC	300	65	2	0	0	0	0	367
YEAR	2318	1491	276	73	22	7	2	4189

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95	0	0.7	1.9	3.6	5.7	9.8	12.0	15.7	18.9	44	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12	****	****	****	****	5	7	- DATA MISSING -	2	6	0	4	7	4
13	6	8	12	****	14	10	11	16	18	4	4	6	10
14	2	4	2	2	4	2	4	2	3	2	0	2	2
15	2	3	9	1	6	4	4	2	5	3	2	4	4
16	6	6	8	9	6	9	11	5	4	1	5	3	6
17	8	4	6	13	4	3	3	0	3	4	5	3	5
18	3	4	4	4	6	2	3	4	0	3	1	4	3
19	2	6	8	10	8	13	9	6	3	3	2	2	6
20	2	1	2	1	2	2	2	5	4	4	4	6	3
21	10	3	8	5	7	5	2	2	5	8	11	12	7
22	12	11	9	2	10	8	3	3	3	3	2	1	6
23	3	2	0	0	2	2	2	4	2	2	1	3	2
24	14	9	7	10	4	1	0	2	4	4	1	2	5
25	0	2	1	2	5	13	9	8	5	6	7	5	5
26	6	2	4	6	5	3	3	0	2	3	2	0	3
27	2	3	1	1	9	2	2	2	3	0	2	9	3
28	7	2	5	9	5	2	2	5	2	2	3	4	4
29	2	3	4	5	3	3	2	1	1	2	2	2	3
30	1	3	5	6	4	2	1	1	5	2	5	9	4
31	6	6	5	4	5	3	3	2	4	2	2	3	4
MEAN	5	4	5	5	6	5	4	4	4	3	3	4	4

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	1	8	4	6	2	6	3	3	2	3	4
2	5	5	6	2	7	4	3	6	2	2	4	1	4
3	0	0	0	3	1	3	1	2	0	2	2	2	1
4	2	2	0	3	7	0	2	0	2	1	4	8	3
5	8	5	7	10	5	4	4	1	2	2	2	0	4
6	2	1	2	3	1	4	0	5	0	0	0	3	2
7	5	3	6	0	3	3	5	0	2	4	3	7	3
8	6	5	5	13	10	15	11	3	2	3	2	7	7
9	9	8	12	7	7	16	3	2	3	3	4	10	6
10	9	5	7	4	9	10	9	5	6	8	6	10	7
11	4	7	6	7	6	5	3	6	5	2	4	5	5
12	2	2	2	3	2	2	0	5	2	0	3	2	2
13	7	3	0	2	0	2	2	0	0	0	0	3	2
14	0	4	0	3	2	2	0	3	2	2	2	5	2
15	2	3	7	8	0	7	5	8	4	9	5	2	5
16	4	5	8	8	3	2	10	3	3	2	2	6	5
17	8	9	15	****	12	2	10	7	5	13	10	7	9
18	5	5	1	2	4	5	6	2	3	2	0	0	3
19	2	1	0	1	0	2	2	5	4	2	0	0	2
20	2	2	2	3	2	2	0	0	1	3	6	3	2
21	2	7	4	4	3	2	0	1	0	1	2	4	3
22	4	5	0	3	3	5	0	8	0	3	9	3	3
23	5	9	0	7	6	4	4	0	0	8	2	4	4
24	9	4	2	9	11	8	5	4	5	4	2	0	5
25	4	2	0	1	2	2	5	6	4	4	7	3	3
26	5	2	5	0	2	0	2	6	2	5	3	2	3
27	1	1	0	2	0	0	2	0	1	3	0	3	1
28	0	3	2	2	3	5	0	4	4	5	1	0	2
29	6	5	8	5	2	2	4	7	6	2	3	7	5
30	12	7	4	4	3	3	3	2	0	2	2	1	4
MEAN	4	4	4	4	4	4	3	4	2	3	3	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	0	10	2	3	0	3	5	5	3	0	3
2	2	0	3	0	10	8	2	7	2	5	5	9	4
3	3	3	7	3	6	13	9	10	5	1	10	8	7
4	14	1	5	6	5	4	1	2	0	0	0	2	3
5	2	2	0	0	2	0	0	0	0	2	1	1	1
6	0	2	2	2	5	3	3	3	0	0	3	****	2
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	5	2	3	4	5	5	3	4	2	2	4	4	3

PERCENTAGE OF DATA VALID - 19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	****	****	****	****	****	****	****	0	2	4	2	1	****
12	2	1	2	4	1	1	4	3	6	5	6	4	3
13	5	5	5	10	7	5	3	5	5	4	9	12	7
14	7	6	10	14	8	4	6	4	2	8	9	6	6
15	7	11	11	11	10	9	2	3	2	4	5	2	6
16	5	4	5	7	5	2	2	3	3	0	5	0	3
17	0	2	3	2	3	2	0	2	2	0	0	0	1
18	0	2	2	5	0	0	3	3	1	1	3	0	2
19	1	0	3	****	****	****	****	****	****	****	****	****	****
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27	****	****	****	****	****	9	3	0	1	3	6	3	****
28	4	1	6	12	11	4	9	3	3	3	2	3	5
29	1	1	0	2	0	0	3	1	2	0	3	5	2
30	1	5	6	2	0	3	3	3	4	5	0	0	3
31	2	0	3	7	0	2	2	2	0	2	4	0	2
MEAN	3	3	5	7	4	3	3	2	3	3	4	3	4

PERCENTAGE OF DATA VALID - 39

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	0	0	0	2	0	2	3	3	1
2	1	0	2	9	9	2	3	2	4	3	9	7	4
3	2	6	11	4	5	2	3	2	8	8	6	3	5
4	0	3	4	8	3	2	1	4	5	2	1	2	3
5	3	3	2	3	3	0	0	0	3	0	1	2	3
6	0	3	0	2	2	0	2	1	2	4	13	5	2
7	5	3	2	2	2	2	0	2	2	2	0	2	2
8	0	2	3	8	9	3	6	3	6	11	9	6	6
9	8	8	2	5	5	3	4	3	9	9	7	2	5
10	7	9	8	7	6	6	5	0	0	2	1	5	5
11	1	3	3	7	5	5	2	2	2	5	12	1	4
12	2	5	6	10	5	2	2	2	3	4	3	4	4
13	5	7	2	0	4	0	0	1	5	0	4	2	3
14	5	2	2	1	3	0	3	2	0	5	5	3	3
15	2	2	1	3	3	3	4	2	0	3	6	3	3
16	3	4	5	7	0	3	2	3	0	4	1	3	3
17	0	11	11	13	2	4	4	4	5	5	0	3	3
18	3	2	2	5	3	7	4	0	8	6	9	4	4
19	5	3	5	2	7	1	0	2	0	5	6	3	3
20	6	8	8	10	5	3	0	3	2	3	5	2	5
21	5	7	6	8	12	6	6	5	5	2	5	0	6
22	3	4	2	5	6	7	5	5	5	3	2	2	4
23	2	4	2	2	1	6	0	3	3	3	7	8	3
24	7	3	3	2	4	2	0	7	5	11	7	2	4
25	5	2	2	4	9	15	4	3	4	5	5	4	5
26	4	0	8	0	11	11	7	4	4	4	1	0	5
27	0	3	2	3	0	0	0	0	2	2	2	3	1
28	0	3	2	3	3	9	2	2	2	2	2	3	3
29	2	0	4	1	5	3	5	6	5	3	5	2	3
30	7	4	7	2	8	12	10	0	1	3	0	2	5
MEAN	3	4	4	5	5	4	3	3	3	4	5	3	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	2	6	3	3	4	2	4	2	2	5	3
2	6	3	9	11	6	10	7	3	5	5	3	11	7
3	0	2	2	7	4	3	2	3	2	2	0	3	3
4	0	2	0	1	0	0	0	2	1	3	0	2	1
5	7	3	9	11	28	19	0	5	6	13	7	19	11
6	5	9	5	19	9	14	5	3	5	5	5	10	8
7	13	19	18	20	29	18	10	16	11	19	17	11	17
8	15	20	13	19	25	25	17	12	12	8	7	7	15
9	9	10	12	7	8	12	6	2	6	4	5	10	8
10	3	6	4	2	7	3	3	3	2	2	2	4	3
11	5	5	5	7	14	4	2	2	0	2	2	2	4
12	2	0	3	6	3	5	10	7	6	6	4	4	5
13	6	4	3	5	4	3	2	3	2	3	3	8	4
14	8	7	5	11	15	9	7	9	4	2	3	0	7
15	2	0	0	4	4	2	0	7	3	5	0	1	3
16	6	0	0	6	8	7	4	3	2	2	1	0	3
17	5	2	3	7	3	0	3	3	4	4	11	11	5
18	1	1	2	2	3	0	4	3	0	3	2	6	6
19	5	9	13	4	9	8	1	13	0	3	3	10	7
20	5	6	3	9	8	13	3	11	3	5	3	10	7
21	9	4	4	****	****	6	3	3	8	2	9	12	6
22	4	6	2	2	2	5	3	4	4	6	4	8	4
23	2	4	3	5	6	2	5	5	12	7	4	4	5
24	2	3	4	6	8	9	2	2	4	12	21	8	7
25	1	1	5	2	2	3	2	2	5	7	2	2	3
26	2	2	5	4	4	5	0	3	5	2	5	2	3
27	1	3	7	2	3	0	3	2	0	2	7	8	3
28	2	3	3	2	5	6	3	1	6	5	0	6	4
29	6	2	2	5	5	5	7	2	2	4	4	14	5
30	4	9	6	5	7	3	3	2	6	4	4	4	5
31	0	2	3	4	5	5	2	4	7	7	6	2	4
MEAN	4	5	5	7	8	7	4	4	4	5	5	6	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	6	2	5	4	6	3	7	7	6	12	5
2	5	6	2	6	6	2	2	3	5	5	3	3	4
3	2	2	2	3	2	2	3	3	3	2	1	2	2
4	0	4	2	6	6	3	6	2	3	4	3	4	4
5	3	6	9	4	9	4	5	7	1	3	7	3	4
6	5	2	3	5	2	1	2	2	4	3	2	6	5
7	4	4	5	8	2	1	2	2	4	2	5	7	4
8	10	5	11	5	7	2	3	1	1	7	2	12	6
9	8	2	7	10	11	2	12	6	9	5	9	22	9
10	7	6	5	4	5	5	3	2	4	7	4	8	5
11	13	10	15	9	14	6	9	2	6	5	2	9	8
12	7	2	0	3	2	4	0	5	2	3	3	0	3
13	5	0	1	0	6	1	2	2	2	2	2	0	2
14	1	0	2	0	7	2	0	3	3	0	0	4	2
15	3	3	3	2	2	3	2	5	2	0	1	2	2
16	0	0	2	7	3	3	5	3	4	6	9	7	5
17	3	2	4	3	6	3	3	3	7	6	7	5	6
18	5	9	8	9	9	7	9	8	11	6	10	15	9
19	5	7	7	4	6	6	4	2	3	2	1	1	5
20	13	5											
21	2	3	1	0	2	2	0	2	2	2	7	5	2
22	5	5	3	2	5	5	5	3	0	0	2	0	3
23	2	0	0	3	2	3	3	3	3	3	3	2	3
24	4	3	2	5	3	1	1	1	2	3	3	8	5
25	2	0	4	5	7	9	7	4	8	8	7	4	6
26	3	5	5	5	6	10	10	9	9	10	7	3	8
27	2	7	4	12	15	10	10	2	5	2	2	2	4
28	4	8	5	3	2	5	2	5	10	9	3	3	4
29	5	2	4	2	9	3	2	2	2	9	6	7	4
30	1	1	2	3	9	2	2	2					
MEAN	4	4	4	5	6	4	4	3	4	4	4	5	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	5	2	7	4	3	2	11	6	5	7	5
2	2	2	2	1	9	0	2	4	3	2	0	2	2
3	3	3	3	10	10	9	4	3	4	3	2	2	5
4	2	2	3	2	2	0	0	2	2	5	4	3	2
5	8	7	9	5	12	6	1	2	3	2	2	3	5
6	0	1	2	1	2	0	1	0	3	2	2	4	4
7	3	2	2	4	1	0	3	2	9	6	6	8	4
8	8	7	9	11	9	8	12	12	16	12	7	10	10
9	11	5	6	7	***	17	12	13	11	4	4	5	9
10	2	6	3	4	2	5	6	5	9	7	4	8	5
11	4	2	4	0	9	9	5	2	7	4	8	0	5
12	2	0	3	4	5	4	4	7	4	4	4	4	4
13	6	8	7	5	11	8	14	8	8	6	8	4	8
14	4	6	13	16	22	8	10	11	8	7	10	9	10
15	8	9	12	11	12	10	7	5	9	4	5	4	8
16	9	5	3	4	8	4	9	4	7	4	2	7	5
17	3	8	1	8	6	3	6	8	10	5	6	5	8
18	3	8	2	9	19	9	10	9	7	3	3	3	8
19	10	12	10	12	15	10	5	7	7	4	2	7	3
20	2	1	1	3	4	4	3	0	2				
21	3	6	4	4	2	4	4	2	7	5	4	6	4
22	6	4	2	5	4	12	6	3	7	8	8	9	6
23	5	4	2	6	8	7	5	9	5	2	9	9	6
24	14	11	5	9	5	4	7	3	8	8	7	6	7
25	7	2	6	8	3	7	8	8	14	18	19	20	10
26	13	14	4	8	18	13	5	2	6	5	7	3	8
27	4	10	8	2	7	6	2	5	3	6	6	12	6
28	4	4	1	8	7	3	4	4	7	8	6	6	8
29	12	7	9	14	12	7	3	7	7	3	4	10	7
30	3	5	2	7	12	11	5	2	10				
31	8	11	12	11	14	9	5	3	9	9	5	3	8
MEAN	6	6	5	6	9	6	6	5	7	5	6	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 360 CHRISTIE TORONTO

NO 31026

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR			DATA MISSING	
APR			DATA MISSING	
MAY	20	4	10	18
JUN	30	4	9	15
JUL	6	3	7	14
AUG	14	4	7	14
SEP	30	4	6	15
OCT	31	5	17	29
NOV	30	4	9	22
DEC	31	6	10	22
YEAR	192	5	17	29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 360 CHRISTIE TORONTO

NO 31026

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY	150	71	12	2	0	0	0	235
JUN	240	110	9	0	0	0	0	359
JUL	48	21	2	0	0	0	0	71
AUG	101	39	7	0	0	0	0	147
SEP	237	110	13	0	0	0	0	360
OCT	200	126	26	13	5	0	0	370
NOV	210	136	13	0	1	0	0	360
DEC	159	166	37	8	1	0	0	371
YEAR	1345	779	119	23	7	0	0	2273

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
77	0	0.7	1.8	3.1	5.0	8.7	10.9	13.5	17.1	29	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3	****	****	****	****	****	0	- DATA MISSING -						
4	6	6	14	4	1	1	4	4	4	4	2	4	****
5	4	6	12	8	8	6	8	4	8	18	8	6	5
6	8	16	18	8	8	6	8	8	6	6	8	6	8
7	8	12	10	10	18	16	18	14	18	27	18	14	9
8	16	14	14	14	12	12	14	12	10	12	8	6	15
9	6	8	12	14	8	4	6	4	6	6	6	4	12
10	10	6	12	14	10	8	8	10	10	2	4	4	6
11	2	4	1	2	2	4	4	2	6	1	4	2	8
12	2	6	8	6	8	4	8	4	6	6	2	2	3
13	6	6	12	6	6	1	4	2	6	8	4	4	5
14	8	8	6	6	4	6	6	8	14	4	6	4	7
15	4	4	4	6	2	6	4	8	4	6	2	2	4
16	4	12	16	4	6	2	6	6	6	6	6	12	7
17	10	12	16	8	14	8	10	20	18	18	16	14	14
18	10	20	16	8	2	6	8	10	10	8	6	2	9
19	4	4	2	2	1	6	8	12	2	6	4	8	5
20	2	6	6	6	6	2	2	2	6	2	2	2	4
21	6	8	6	8	6	2	6	1	6	2	10	8	6
22	6	10	4	6	1	4	6	1	2	2	2	1	4
23	2	6	4	4	4	6	1	4	2	4	6	2	4
24	6	10	6	6	6	2	8	6	2	6	6	2	5
25	1	6	4	6	2	4	2	10	6	8	2	4	5
26	8	14	1	4	2	4	4	10	6	6	8	8	6
27	8	6	10	10	6	4	6	6	6	2	1	4	6
28	4	6	4	4	6	4	4	6	10	10	6	6	6
MEAN	6	9	9	7	6	5	6	7	7	7	6	5	7

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	6	4	6	6	2	1	4	8	8	10	6	5
2	6	14	10	10	6	4	4	1	6	8	12	8	7
3	6	10	2	4	4	4	2	4	6	8	8	4	5
4	8	6	8	6	6	4	8	8	10	8	2	2	6
5	2	4	8	4	4	4	6	4	6	6	6	6	5
6	4	4	8	4	4	8	12	6	6	6	4	4	6
7	2	8	6	2	1	4	6	2	2	6	1	1	3
8	2	0	2	2	0	2	6	6	4	6	4	4	3
9	4	10	6	4	4	2	4	2	2	4	6	2	4
10	2	6	6	8	4	8	4	8	2	8	6	4	6
11	4	10	8	4	1	4	4	1	4	6	8	8	5
12	8	10	8	8	6	6	6	10	4	4	4	6	7
13	4	4	4	8	2	8	6	6	4	4	4	8	5
14	4	6	2	8	1	1	4	4	6	4	6	4	4
15	2	1	2	4	4	2	1	1	2	4	4	4	3
16	4	8	6	6	4	4	6	6	4	4	10	4	6
17	4	6	8	6	4	8	6	8	12	14	4	14	9
18	18	18	12	8	4	6	6	4	12	16	20	10	10
19	6	16	12	8	8	6	4	10	8	18	14	4	10
20	4	4	4	2	2	8	8	6	4	6	6	4	5
21	4	2	2	8	8	6	4	6	4	4	2	0	4
22	2	6	1	2	2	2	6	1	2	4	4	2	3
23	2	12	14	8	10	8	6	8	4	2	2	2	7
24	1	4	2	4	2	6	2	6	4	4	4	4	4
25	6	10	10	6	4	2	6	4	6	4	1	1	5
26	0	4	4	1	6	2	4	4	1	4	2	2	3
27	1	4	1	4	2	4	10	2	8	6	6	0	4
28	0	0	****	****	****	****	****	****	****	****	****	****	****
29													
30													
31													
MEAN	4	7	6	5	4	5	5	5	6	6	6	4	5

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	0	2	7	0	0	2	0	3	1	1	4	11	3
3	2	5	5	9	6	0	3	8	1	5	2	0	4
4	2	2	0	3	5	1	5	2	4	0	0	2	2
5	0	3	2	3	3	0	3	0	2	2	3	0	2
6	3	5	5	6	5	0	2	5	5	5	1	6	4
7	5	0	2	2	0	4	4	7	7	5	10	3	4
8	6	7	0	2	2	4	2	4	4	1	1	3	3
9	8	3	2	5	3	3	0	0	3	3	0	3	3
10	0	2	3	2	3	0	0	7	2	0	2	0	2
11	4	2	3	0	5	0	1	2	3	2	0	1	2
12	3	0	2	3	0	5	5	3	2	8	5	0	3
13	4	2	1	3	7	0	2	0	3	2	2	2	2
14	1	3	6	6	8	2	2	5	3	3	2	2	4
15	1	2	2	0	8	5	5	8	8	9	0	3	4
16	1	5	2	0	4	5	7		13	7	6	7	6
17	7	0	5	2	6	2	1	13	13	2	0	0	2
18	2	3	6	0	0	5	2	0	5	1	2	2	2
19	1	3	0	2	0	3	0	0	3	4	3	5	2
20	0	6	3	3	4	4	5	2	2	0	6	1	3
21	2	5	2	0	0	3	1	2	0	2	4	0	2
22	0	2	4	5	4	0	2	2	0	0	5	9	3
23	5	2	3	2	1	0	0	5	7	3	5	0	3
24	1	5	2	5	2	3	2	1	2	5	2	6	3
25	4	2	0	0	6	7	3	3	2	1	5	3	3
26	3	0	3	0	0	5	11	10	3	7	3	7	4
27	4	3	4	0	7	3	7	7	10	7	8	2	6
28	5	4	0	1	5	10	3	7	4	6	0	2	4
29	0	0	3	3	2	0	2	5	0	7	7	9	3
30	6	6	7	7	7	6	4	8	9	7	3	2	6
MEAN	3	3	3	3	4	3	3	4	4	4	3	3	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	5	2	4	3	2	0	2	3	0	2	3	2
2	2	2	2	0	7	0	0	3	0	2	0	2	2
3	0	5	0	3	6	2	5	4	0	5	5	13	4
4	8	2	4	3	5	2	2	3	5	2	6	6	4
5	3	3	2	3	3	2	0	2	0	2	2	2	2
6	3	0	5	4	3	5	3	2	2	2	2	1	3
7	2	3	5	2	2	2	3	5	9	2	0	2	4
8	2	9	4	5	11	3	5	2	5	2	0	2	4
9	3	1	2	0	4	0	0	0	0	9	5	2	2
10	1	2	2	0	0	5	1	3	6	11	7	3	3
11	2	2	3	4	2	5	3	0	0	0	2	0	2
12	0	0	0	5	5	7	9	3	3	3	7	7	4
13	5	5	0	4	3	2	1	5	2	5	2	0	3
14	1	0	0	2	2	2	0	0	3	2	4	0	1
15	0	0	4	2	3	3	0	3	5	2	5	3	3
16	4	3	0	0	3	1	3	1	0	9	1	2	2
17	2	0	0	0	2	0	2	5	0	7	1	2	1
18	3	2	2	2	2	7	3	2	7	3	7	0	3
19	6	2	2	2	2	2	1	0	2	2	5	2	2
20	0	6	2	0	2	8	3	2	2	5	0	4	3
21	1	2	3	5	3	9	11	7	2	3	2	2	4
22	1	0	1	3	2	2	0	2	1	2	0	0	1
23	3	3	0	3	3	2	5	2	3	0	2	2	2
24	0	0	2	0	2	2	0	0	5	4	3	0	2
25	2	9	2	1	1	2	3	2	0	3	0	***	2
26	****	****	****	****	0	2	0	2	7	2	5	3	3
27	1	6	3	3	4	5	5	2	6	2	11	10	5
28	3	3	7	11	0	0	0	2	2	2	4	3	3
29	9	7	7	1	5	2	2	2	2	2	0	3	4
30	7	3	5	5	5	1	2	3	1	3	7	7	4
31	3	7	2	3	5	7	3	2	3	2	2	5	4
MEAN	3	3	3	3	3	3	2	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	4	0	9	6	7	3	6	6	2	2	6	5
2	7	3	7	11	7	3	2	3	0	2	2	4	4
3	2	0	6	4	3	5	3	5	2	5	5	3	3
4	1	5	2	3	2	0	1	1	2	7	0	13	6
5	11	7	4	11	8	8	7	6	4	2	3	3	3
6	6	0	3	2	5	2	3	0	4	2	9	5	4
7	3	2	3	3	5	2	2	3	4	7	9	9	9
8	7	9	10	16	9	11	9	2	5	7	11	8	8
9	7	14	9	13	7	5	3	6	5	3	1	5	6
10	9	5	9	11	9								
11	11	10	15	12	12	3	4	5	8	5	7	3	8
12	4	1	7	9	7	4	2	5	3	2	3	2	4
13	0	3	2	1	1	0	2	2	3	0	5	2	2
14	3	3	2	3	3	2	1	2	3	3	0	7	3
15	2	7	2	5	2	4	2	4	4	2	3	2	3
16	5	3	1	8	2	5	5	2	5	2	2	2	5
17	5	3	7	7	12	9	4	2	8	4	5	4	4
18	5	5	4	2	4	3	2	2	5	0	0	2	3
19	4	3	2	3	7	2	3	0	2	1	5	5	3
20	9	2	0	0	7	2	3	0	2				
21	18	11	3	6	2	3	0	2	2	5	0	2	5
22	7	6	8	6	8	5	4	0	3	2	2	2	4
23	11	5	2	7	12	2	5	0	3	0	0	4	4
24	4	4	5	5	10	2	9	6	7	4	2	3	3
25	2	0	3	3	3	3	3	7	6	2	3	3	4
26	9	3	7	5	3	5	3	2	3	4	2	5	2
27	2	2	4	2	0	4	0	3	2	3	0	5	2
28	0	2	2	2	0	3	3	2	7	1	0	3	3
29	0	2	0	4	7	0	2	3	2	3	6	3	5
30	3	12	4	8	3	4	4	3					
MEAN	5	5	4	6	6	4	3	3	4	3	3	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	1	3	3	2	2	0	2	1	2	2	2
2	2	3	0	6	8	11	6	6	2	2	2	5	6
3	7	4	3	3	12	9	12	5	3	7	6	2	4
4	7	2	9	3	5	2	0	0	0	2	2	1	3
5	3	6	2	0	2	6	0	2	5	0	5	1	2
6	5	0	2	5	5	2	4	2	0	2	3	2	3
7	0	0	3	6	4	3	2	1	3	2	8	11	4
8	4	2	13	5	9	6	1	3	0	6	3	9	6
9	9	0	2	3	7	5	5	5	4	1	7	7	4
10	5	0	2	3									
11	8	2	3	5	3	3	0	3	0	3	3	7	3
12	1	2	2	2	4	1	1	2	2	0	3	5	2
13	5	2	9	7	0	2	0	0	4	0	3	0	3
14	5	0	2	5	3	7	0	3	0	7	2	7	4
15	3	3	5	0	3	5	3	3	2	2	2	2	3
16	1	2	3	3	6	4	6	2	5	5	3	2	3
17	6	6	3	3	3	2	3	0	2	4	3	5	3
18	1	3	2	2	2	2	3	0	3	2	2	0	2
19	2	3	2	0	2	3	1	2	0	0	1	2	2
20	3	2	2	5	0	3	6	2	2	0	2	0	
21	1	2	2	2	2	3	3	7	7	6	3	2	3
22							- DATA MISSING -						
23							- DATA MISSING -						
24	****	****	****	****	****	****	****	****	2	5	0	5	****
25	7	5	6	3	5	2	4	2	1	2	2	2	4
26	4	2	3	5	2	7	3	2	2	0	3	2	3
27	7	1	3	10	7	3	3	2	0	2	3	2	5
28	0	7	5	2	3	4	3	5	0	6	8	5	3
29	7	5	5	5	9	7	0	0	3	0	2	5	4
30	5	5	3	3	4	2	3	2	2	2	3	2	3
31	5	2	5	3	4	10	3	3	3	2	2	3	4
MEAN	4	3	4	4	4	4	3	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	6	2	2	3	0	2	1	0	2	2	3
2	0	0	3	0	2	0	1	0	0	3	0	2	1
3	0	2	3	0	0	0	2	2	2	0	0	2	1
4	3	1	2	3	6	3	3	6	3	2	5	6	4
5	7	2	5	6	6	6	4	5	3	0	2	5	4
6	9	7	11	7	9	7	4	2	5	0	3	2	6
7	13	5	7	10	11	6	2	0	0	2	0	3	5
8	9	3	5	6	6	3	1	2	2	2	1	0	3
9	7	2	0	2	0	0	2	0	0	0	0	3	1
10	2	2	3	10	9	2	2	2	0	3	2	11	4
11	10	5	9	8	8	7	2	2	0	5	5	6	6
12	4	2	3	9	5	13	5	6	2	3	5	9	6
13	13	11	5	9	15	5	2	8	8	3	5	7	8
14	7	13	14	11	15	7	11	7	0	5	5	5	8
15	5	6	3	6	5	5	4	3	3	5	5	5	5
16	3	7	4	3	5	2	5	0	0	5	5	5	5
17	3	2	4	5	7	5	2	3	3	0	2	7	3
18	3	3	9	9	7	1	3	2	3	0	5	6	4
19	5	3	5	6	5	3	3	3	5	2	5	2	4
20	0	2	3	3	4	3	3	5	3	7	3	8	4
21	7	3	7	9	5	5	5	5	5	5	5	5	6
22	5	2	6	7	0	2	1	2	0	2	0	6	3
23	2	2	1	1	1	2	2	2	2	2	2	4	2
24	5	4	5	11	9	3	4	3	0	2	6	5	5
25	6	5	7	7	****	0	2	2	0	2	2	2	3
26	4	5	3	4	7	5	4	3	0	3	3	4	3
27	5	2	3	10	2	0	0	2	3	2	2	2	3
28	4	0	4	10	2	0	0	2	3	3	2	3	3
29	3	2	0	3	3	1	2	2	3	3	2	3	3
30	2	0	3	0	2	0	0	2	3	2	0	0	1
31	3	0	2	2	4	2	1	3	3	2	4	2	2
MEAN	5	3	5	6	5	3	3	3	2	2	3	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	3	2	3	4	3	2	2	3	1	3	3	3
2	3	1	2	4	7	5	1	0	3	2	0	3	3
3	2	1	3	1	2	3	2	2	2	0	3	2	2
4	3	2	0	2	2	2	3	0	5	2	1	2	2
5	0	1	0	0	2	1	1	2	2	0	0	2	1
6	2	0	1	2	2	2	0	0	0	3	0	1	1
7	0	2	1	2	0	1	0	0	1	0	2	1	1
8	2	0	0	3	0	2	2	0	5	0	2	2	3
9	3	3	2	5	2	3	3	2	0	2	3	4	3
10	0	2	0	2	2	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	2	2	9	2	5	****
12	6	3	3	2	6	3	3	2	3	4	3	2	3
13	1	3	2	0	1	2	0	0	0	1	4	0	1
14	4	2	5	6	8	7	5	2	0	3	4	4	4
15	2	2	3	3	6	7	3	1	2	1	2	0	3
16	4	7	7	10	9	2	4	5	9	2	4	7	6
17	4	5	8	11	9	4	4	1	3	1	4	6	5
18	8	4	5	5	11	4	4	4	3	10	7	3	6
19	5	3	4	4	2	2	2	0	0	3	3	3	3
20	4	3	4	4	8	5	4	2	1	5	2	4	4
21	7	8	6	8	5	14	3	5	2	4	2	2	6
22	2	5	2	0	9	10	5	2	1	3	6	2	4
23	4	1	4	2	14	10	8	9	3	7	6	6	6
24	10	8	4	2	2	1	2	6	2	2	4	2	4
25	2	2	4	9	15	3	3	8	6	4	4	6	6
26	2	2	5	3	5	6	5	2	6	4	2	0	4
27	0	2	0	1	0	1	1	2	1	2	2	2	1
28	0	4	1	0	3	10	5	3	4	5	1	1	3
29	0	3	2	2	9	8	2	2	5	0	2	3	3
30	2	7	7	5	8	17	9	7	5	4	2	2	6
MEAN	3	3	3	3	5	5	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	5	3	18	10	6	3	0	4	3	5	5
2	0	3	3	3	4	7	3	4	3	2	2	4	3
3	4	2	2	2	8	10	6	4	1	1	1	0	3
4	2	2	0	2	0	2	0	1	0	1	1	4	1
5	1	6	7	10	22	17	6	2	6	6	1	1	7
6	1	4	2	8	8	3	0	4	4	4	8	8	5
7	9	9	16	6	10	19	16	13	6	15	13	18	13
8	21	14	16	16	15	8	5	8	6	7	6	6	11
9	8	2	2	8	3	2	4	1	2	4	3	0	3
10	2	2	4	0	6	2	4	2	5	4	1	2	3
11	2	0	3	2	3	0	0	1	1	0	2	0	1
12	1	1	2	3	4	8	5	2	4	2	6	2	3
13	7	6	8	10	1	1	0	1	4	0	5	2	4
14	4	5	4	10	4	6	7	3	2	1	2	3	4
15	1	2	4	5	3	5	8	10	4	4	2	6	5
16	2	4	4	16	6	5	4	2	3	4	2	7	5
17	10	5	9	14	8	2	4	1	2	4	9	3	6
18	0	2	4	2	2	2	2	0	4	0	1	0	2
19	***	5	12	13	7	7	4	3	7	15	12	8	7
20	4	7	14	7	5	7	2	6	7	4	3	6	6
21	2	0	4	2	0	2	3	2	3	2	3	4	2
22	3	4	2	2	2	9	6	10	1	6	5	3	4
23	3	5	6	10	6	8	8	6	12	4	9	3	7
24	3	2	8	7	2	2	0	4	7	12	3	5	5
25	2	5	2	2	3	2	4	3	***	***	***	***	3
26							- DATA MISSING -						
27	***	***	***	***	***	0	2	3	2	2	3	2	***
28	2	0	3	0	2	0	0	2	1	3	0	4	1
29	2	3	2	2	4	2	2	2	3	2	5	3	3
30	5	4	4	5	5	3	2	0	3	2	2	3	3
31	3	5	4	2	2	3	2	2	2	4	3	4	3
MEAN	4	4	5	6	6	5	4	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	2	2	2	3	3	5	5	6	7	4
2	5	3	6	5	10	4	2	9	7	9	5	13	7
3	5	7	5	8	10	5	6	4	9	5	4	2	6
4	7	2	3	6	9	8	7	4	5	4	4	3	5
5	9	4	3	6	3	3	5	5	6	6	11	5	6
6	11	5	5	5	5	2	2	3	2	3	1	3	4
7	2	4	5	5	3	5	3	1	5	6	2	3	4
8	2	5	2	3	0	0	0	2	2	7	6	7	3
9	9	6	8	7	5	3	6	3	5	5	5	6	6
10	2	5	2	5	8	2	4	2	5	4	9	6	5
11	7	22	14	18	21	14	5	2	9	11	8	8	12
12	5	5	2	6	5	3	4	4	7	5	3	2	3
13	4	2	1	7	3	2	6	5	2	3	2	2	3
14	2	2	2	3	1	5	3	2	4	2	2	1	2
15	4	1	0	1	0	2	2	3	4	4	1	3	2
16	2	4	2	4	5	4	1	4	2	2	3	3	3
17	5	3	5	5	10	9	8	9	15	13	13	9	9
18	12	12	14	14	4	3	4	2	4	4	6	4	7
19	6	3	9	11	10	9	8	11	12	12	9	13	9
20	7	6	4	6	3	9	4	4	2	1	1	0	4
21	2	1	0	2	3	2	1	2	4	2	6	6	3
22	4	3	4	4	3	2	6	6	6	0	2	0	3
23	2	1	1	2	2	0	1	1	1	4	4	3	2
24	10	2	4	5	9	5	6	7	6	3	4	2	5
25	2	2	1	3	3	2	5	3	3	4	3	5	3
26	3	4	7	9	10	4	5	6	6	7	7	4	6
27	4	5	7	10	11	25	22	20	9	9	7	6	11
28	3	4	3	3	4	3	2	6	3	3	2	3	3
29	2	2	1	3	3	1	4	5	7	11	5	3	4
30	4	3	3	7	6	6	7	6	8	13	11	7	7
MEAN	5	4	4	6	6	5	5	5	6	6	5	5	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	2	3	2	1	2	2	2	5	6	8	2	3
2	1	1	1	2	3	2	2	4	2	2	2	2	2
3	3	2	0	3	12	13	6	3	6	4	5	0	5
4	3	2	4	2	3	2	2	2	6	2	7	3	3
5	7	6	8	14	7	5	4	3	3	3	0	1	5
6	0	1	1	2	0	1	1	2	2	0	4	4	2
7	****	****	****	5	3	3	0	8	7	9	15	10	7
8	8	2	2	6	9	5	6	8	12	21	10	11	8
9	5	7	4	5	9	5	3	7	7	8	4	5	6
10	6	2	3	5	5	9	5	7	11	5	6	7	6
11	5	4	3	3	9	7	2	9	2	5	3	3	5
12	0	3	0	4	3	2	4	3	4	0	3	2	2
13	3	0	2	1	2	6	2	7	3	7	3	0	3
14	2	7	3	6	5	17	9	2	5	5	5	5	6
15	4	4	3	3	7	7	11	2	5	9	7	7	6
16	3	6	3	3	2	5	6	5	3	3	****	****	4
17	****	****	****	2	1	7	5	9	8	8	5	6	6
18	7	6	5	5	9	17	4	4	5	6	7	6	7
19	5	5	7	7	8	12	7	5	4	2	2	0	6
20	2	2	1	2	1	2	0	2	0	3	0	****	1
21	5	1	3	6	****	****	****	5	4	10	4	2	4
22	6	1	3	4	5	4	1	8	8	4	6	3	4
23	1	3	3	4	4	7	4	6	7	3	1	5	4
24	6	4	2	5	2	2	5	4	0	8	3	9	4
25	4	4	6	4	4	6	3	2	7	10	6	8	5
26	6	6	5	4	3	4	3	7	1	2	2	5	4
27	2	4	6	5	2	0	2	4	3	1	0	5	3
28	4	0	3	6	8	6	8	2	7	6	2	5	5
29	4	4	4	5	10	8	11	****	****	7	5	7	7
30	4	3	5	3	8	10	5	7	8	5	13	6	6
31	10	7	2	2	9	7	6	3	3	5	2	2	5
MEAN	4	3	3	4	5	6	4	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - PHARMACY AND 401 TORONTO NO 33002
POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	26	7	15	27
MAR	28	5	10	20
APR	29	3	6	13
MAY	31	3	5	13
JUN	30	4	9	18
JUL	29	3	6	13
AUG	31	4	8	15
SEP	30	3	6	17
OCT	30	4	13	22
NOV	30	5	12	25
DEC	31	5	8	21
YEAR	325	4	15	27

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - PHARMACY AND 401 TORONTO NO 33002

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	118	146	25	17	1	0	0	307
MAR	177	130	13	6	0	0	0	326
APR	241	103	4	0	0	0	0	348
MAY	281	80	6	0	0	0	0	367
JUN	225	114	18	2	0	0	0	359
JUL	237	98	5	0	0	0	0	340
AUG	241	116	14	0	0	0	0	371
SEP	261	80	4	1	0	0	0	346
OCT	234	92	13	9	2	0	0	350
NOV	195	137	22	2	4	0	0	360
DEC	192	152	11	2	1	0	0	358
YEAR	2402	1248	135	39	8	0	0	3832

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
95	0	0.6	1.6	2.9	4.8	7.9	9.9	13.3	15.6	27		4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	6	2	2	2	4	6	6	4	8	2	4
2	12	12	18	18	8	14	12	12	16	14	4	4	12
3	2	6	2	4	4	4	4	10	10	12	6	14	6
4	12	4	16	12	10	14	10	6	6	6	10	12	10
5	8	14	14	8	8	2	16	10	8	6	2	6	8
6	2	4	10	8	6	6	6	14	16	6	8	4	8
7	10	12	10	4	0	12	10	4	10	12	10	14	9
8	10	10	10	8	12	14	18	14	14	8	8	6	11
9	8	6	14	10	12	8	12	6	8	4	2	1	8
10	2	1	1	0	1	2	6	4	6	10	8	6	4
11	2	6	1	1	2	4	14	16	12	14	12	2	7
12	4	8	2	6	4	4	14	12	14	6	2	4	7
13	2	6	4	4	4	4	6	8	6	4	6	6	5
14	4	6	12	4	4	1	14	6	6	12	2	2	6
15	1	4	8	6	4	4	8	6	6	10	8	10	6
16	6	10	18	18	27	27	25	16	2	4	1	8	14
17	6	6	6	4	4	6	0	4	0	1	2	2	3
18	0	1	4	2	1	1	4	8	12	10	6	2	4
19	4	10	6	8	4	10	6	10	10	10	8	8	8
20	12	12	18	12	8	6	8	10	6	2	1	1	8
21	0	8	1	0	2	4	8	12	6	4	4	2	4
22	2	8	29	18	8	10	8	4	10	4	8	10	10
23	12	12	14	8	2	0	2	4	2	4	4	4	6
24	6	18	25	10	6	8	4	2	8	12	14	18	11
25	12	16	20	18	6	6	6	4	4	6	6	4	9
26	6	4	6	6	4	10	4	8	6	2	12	10	7
27	12	12	4	8	10	16	18	16	10	8	2	6	10
28	8	12	8	2	8	8	4	1	8	8	4	4	7
29	8	16	10	6	4	10	2	1	4	4	2	0	6
30	4	4	4	4	4	6	2	12	8	8	4	6	6
31	4	8	8	8	12	4	6	8	1	8	4	8	7
MEAN	6	8	10	7	6	7	8	8	8	7	6	6	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	8	4	4	2	6	6	2	8	6	8	4	5
2	14	8	4	4	8	10	8	4	2	2	2	2	6
3	2	2	1	4	4	1	2	2	4	0	4	4	3
4	10	16	6	4	6	6	4	6	10	6	14	14	9
5	10	12	6	4	8	10	4	6	6	14	6	8	8
6	16	14	12	6	6	8	8	10	8	4	14	10	10
7	12	18	8	14	8	14	16	16	18	12	20	18	15
8	18	20	18	12	8	16	18	12	10	4	8	6	13
9	4	8	2	8	10	8	6	6	4	6	10	12	7
10	6	4	10	4	1	6	4	1	4	4	6	0	4
11	1	1	2	2	0	4	2	4	1	1	1	4	2
12	2	4	2	4	2	6	4	0	2	2	1	0	2
13	6	6	4	2	18	6	2	6	8	8	4	6	6
14	6	4	2	6	6	6	4	10	4	6	4	4	5
15	6	4	2	6	4	2	4	2	2	2	2	1	3
16	4	12	0	4	2	8	4	6	10	40	6	12	9
17	8	14	18	6	***	0	16	2	18	20	22	22	15
18	18	27	16	20	10	14	10	22	18	20	2	0	11
19	4	2	4	6	1	2	8	2	6	10	4	6	5
20	6	6	2	2	2	4	4	6	6	2	4	4	4
21	8	6	8	10	4	4	4	2	8	4	4	6	6
22	8	12	8	2	4	1	0	2	1	0	2	0	3
23	1	0	2	4	0	1	8	4	4	4	4	10	4
24	8	16	18	12	10	4	6	4	8	6	2	4	8
25	2	2	2	2	2	2	1	1	1	1	8	8	3
26	8	16	8	6	6	4	8	6	6	12	12	6	8
27	8	12	14	8	10	6	8	4	14	6	4	8	8
28	1	4	2	4	6	8	1	6	14	2	6	6	5
MEAN	7	9	7	6	5	6	6	6	7	7	7	7	7

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	10	10	2	4	4	4	2	1	4	4	4	4
2	2	6	6	8	4	4	6	2	0	6	10	10	5
3	8	6	4	8	4	4	1	2	1	4	4	6	4
4	1	6	8	6	2	8	4	6	6	4	2	0	4
5	4	4	0	2	0	0	6	2	0	0	4	4	2
6	4	12	1	6	6	10	4	8	4	4	2	2	5
7	4	8	12	6	4	6	4	8	0	2	1	1	5
8	4	2	2	1	4	0	4	4	1	2	4	2	4
9	10	4	6	2	1	2	4	6	2	4	2	4	4
10	2	4	4	4	0	4	0	4	2	4	2	4	3
11	4	0	4	2	1	2	2	0	4	2	6	8	3
12	6	2	2	4	2	0	1	1	1	0	1	2	2
13	1	4	4	2	1	2	1	2	2	2	2	4	2
14	6	2	4	1	1	0	2	2	1	6	8	1	3
15	2	1	1	6	1	2	4	1	0	4	6	2	3
16	2	2	6	1	2	2	1	2	1	1	4	4	2
17	1	10	6	4	2	4	1	4	6	8	6	10	5
18	6	12	4	2	2	1	4	4	4	4	6	4	5
19	2	8	2	2	2	8	2	6	8	12	6	2	4
20	2	4	1	4	2	6	10	4	4	8	6	2	4
21	2	0	2	2	4	2	4	4	2	1	1	4	2
22	2	1	4	4	4	2	2	1	4	1	1	4	3
23	2	2	2	2	2	1	1	1	1	1	2	4	2
24	4	1	2	2	4	1	2	4	6	4	2	1	3
25	4	6	2	2	4	0	2	1	2	6	4	2	3
26	1	0	2	1	1	2	3	2	11	4	2	4	3
27	2	2	3	4	2	0	1	3	2	5	6	8	3
28	8	7	2	6	5	8	6	1	0	2	2	2	4
29	3	4	3	0	0	3	2	2	2	1	2	3	2
30	2	4	3	3	1	2	1	2	1	5	3	7	3
31	2	5	7	8	0	4	11	11	13	18	4	5	7
MEAN	3	4	4	3	2	3	3	3	3	4	4	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	5	8	6	3	0	3	2	1	5	2	3	4
2	3	1	2	2	4	2	4	9	6	2	0	2	3
3	0	3	0	0	2	0	2	3	3	2	5	3	2
4	5	4	7	5	0	2	5	1	4	0	3	2	3
5	1	2	2	1	0	3	4	2	7	3	2	3	3
6	2	3	4	2	6	2	4	4	6	5	2	3	4
7	8	3	2	3	2	2	4	2	5	2	5	4	4
8	5	5	9	15	15	7	6	3	7	3	4	5	7
9	8	4	5	6	7	5	0	3	2	4	2	6	4
10	2	0	4	6	2	6	1	5	1	2	2	2	3
11	4	1	3	2	2	0	2	1	0	3	1	0	2
12	2	1	0	2	2	2	0	5	3	6	3	2	2
13	1	5	10	5	1	2	0	0	2	2	3	3	3
14	0	2	3	2	4	2	3	2	9	6	5	8	4
15	2	2	1	0	1	3	1	4	0	9	6	4	3
16	5	7	7	9	0	2	0	3	5	6	3	5	4
17	11	11	4	11	15	11	6	6	2	4	2	3	7
18	2	2	5	0	0	3	0	3	2	0	2	2	2
19	1	5	2	1	2	3	0	1	2	0	2	0	2
20	2	2	2	4	2	5	5	7	2	9	6	10	5
21	6	5	2	6	5	8	3	2	2	0	3	2	4
22	2	1	0	0	5	0	2	2	4	4	0	3	2
23	3	2	4	4	3	13	5	0	5	0	3	4	4
24	4	11	3	8	0	0	2	0	2	7	3	7	4
25	6	2	6	1	4	4	0	0	2	3	7	9	4
26	0	2	3	6	6	7	0	5	5	3	5	9	4
27	9	7	9	9	13	7	4	6	5	11	2	9	8
28	8	9	5	9	5	5	5	3	1	5	4	7	6
29	2	3	7	6	2	5	3	5	3	2	2	2	4
30	6	11	0	4	5	9	7	8	9	9	12	7	7
MEAN	4	4	4	4	4	4	3	3	4	4	3	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	9	8	5	7	10	5	5	5	9	2	2	6
2	1	0	4	2	0	6	5	3	3	0	0	1	2
3	2	1	1	3	0	0	0	0	2	0	0	0	1
4	2	0	10	10	7	7	7	5	3	4	0	2	5
5	1	1	3	5	6	6	3	5	0	1	2	3	3
6	2	2	2	0	0	2	0	1	0	1	2	2	1
7	7	5	6	4	4	3	1	0	7	7	11	7	4
8	8	5	2	6	7	5	5	8	6	7	0	2	7
9	4	5	4	3	0	3	5	4	6	0	0	2	3
10	1	3	0	7	1	7	0	6	2	2	4	3	3
11	8	6	5	9	4	1	3	2	4	1	0	2	4
12	1	0	1	3	2	3	7	0	1	2	0	0	2
13	7	2	2	0	14	5	3	12	7	0	0	3	5
14	7	0	0	0	1	4	2	0	2	0	5	0	2
15	4	1	2	2	0	2	0	2	4	4	6	3	3
16	1	2	2	3	5	5	8	6	1	1	0	3	3
17	6	3	2	8	6	2	2	0	2	2	0	2	3
18	2	2	2	2	2	3	2	0	4	4	3	4	3
19	0	3	3	7	8	12	9	0	0	2	0	2	4
20	1	0	2	0	0	4	1	2	1	4	7	6	2
21	2	3	0	8	4	0	3	0	0	0	2	5	2
22	5	3	6	2	11	10	2	0	4	1	0	0	4
23	2	0	0	0	2	3	1	0	6	1	0	1	1
24	2	3	3	2	2	3	3	5	0	0	0	0	2
25	2	1	6	0	1	4	5	5	7	6	0	5	4
26	3	0	2	4	9	4	3	10	****	****	****	****	4
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	2	3	4	4	4	3	3	3	2	2	3	3

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	9	8	5	7	10	5	5	5	9	2	2	6
2	1	0	4	2	0	6	5	3	3	0	0	1	2
3	2	1	1	3	0	0	0	0	2	0	0	0	1
4	2	0	10	10	7	7	7	5	3	4	0	2	5
5	1	1	3	5	6	6	3	5	0	1	2	3	3
6	2	2	2	0	0	2	0	1	0	1	2	2	1
7	7	5	6	4	4	3	1	0	6	7	2	7	4
8	8	5	2	6	7	5	5	8	7	7	11	7	7
9	4	5	4	3	0	3	5	4	6	0	0	2	3
10	1	3	0	7	1	7	0	6	2	2	4	3	3
11	8	6	5	9	4	1	3	2	4	1	0	2	4
12	1	0	1	3	2	3	7	0	1	2	0	0	2
13	7	2	2	0	14	5	3	12	7	0	0	3	5
14	7	0	0	0	1	4	2	0	2	0	5	0	2
15	4	1	2	2	0	2	0	2	4	4	6	3	3
16	1	2	2	3	5	5	8	6	1	1	0	3	3
17	6	3	2	8	6	2	2	0	2	2	0	2	3
18	2	2	2	2	2	3	2	0	4	4	3	4	3
19	0	3	3	7	8	12	9	0	0	2	0	2	4
20	1	0	2	0	0	4	1	2	1	4	7	6	2
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	3	3	4	4	5	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	7	14	29
FEB	28	7	15	40
MAR	31	3	7	18
APR	30	4	8	15
MAY	26	3	7	14
JUN	DATA MISSING			
JUL	20	3	7	14
YEAR	166	5	15	40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - EGLINTON/BIRCHMOUNT SCARBOROUGH NO 33018

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	139	153	53	22	5	0	0	372
FEB	157	122	27	24	4	1	0	335
MAR	288	75	8	1	0	0	0	372
APR	232	115	13	0	0	0	0	360
MAY	221	82	5	0	0	0	0	308
JUN	DATA MISSING							
JUL	169	67	4	0	0	0	0	240
YEAR	1206	614	110	47	9	1	0	1987

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
90	0	0.5	1.5	3.3	5.4	9.6	11.9	15.9	17.8	40		5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19	****	****	****	****	****	****	2	0	3	0	0	0	****
20	3	0	0	2	0	2	0	0	3	0	2	2	1
21	7	3	1	0	0	0	0	3	0	3	6	2	2
22	2	3	6	3	1	3	2	2	0	7	3	3	3
23	9	5	5	6	5	5	3	0	2	3	5	4	4
24	2	2	4	2	3	3	5	0	0	0	2	2	2
25	0	0	3	2	2	0	2	0	0	3	0	0	1
26	0	0	0	3	0	0	4	3	0	0	0	2	1
27	0	3	2	4	1	0	0	2	0	5	0	2	2
28	2	0	2	4	2	0	2	0	2	2	0	3	2
29	0	3	1	2	3	3	1	2	2	2	2	2	2
30	4	3	2	1	3	1	2	0	2	3	2	0	2
MEAN	3	2	2	3	2	1	2	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	1	3	0	2	2	4	0	2	0	0	0	1
2	2	1	2	0	0	0	****	0	2	2	0	2	1
3	0	2	2	5	1	3	0	3	5	5	2	2	3
4	0	2	2	5	0	0	0	0	2	1	0	2	1
5	4	0	1	0	0	0	0	0	0	0	0	2	2
6	0	3	1	2	5	5	0	3	0	0	0	2	2
7	2	10	6	3	2	3	1	5	2	7	7	0	4
8	6	2	2	2	2	3	4	4	2	0	0	2	2
9	0	5	5	2	3	5	4	3	0	2	0	3	3
10	0	2	1	0	3	0	3	2	4	2	0	0	1
11	4	2	3	3	2	0	2	0	0	0	0	5	2
12	3	4	3	0	2	0	2	2	3	3	7	5	3
13	0	0	2	2	0	2	3	0	2	0	0	0	1
14	2	1	0	2	2	0	2	1	4	4	3	3	3
15	3	0	0	2	1	7	3	4	0	0	3	2	2
16	3	0	5	1	0	2	3	0	0	2	5	6	2
17	3	1	0	0	2	0	2	3	0	2	1	0	1
18	2	1	8	1	4	4	0	2	0	2	0	2	2
19	3	2	3	0	0	0	0	1	0	2	0	0	1
20	0	0	0	2	4	3	2	2	0	0	2	0	1
21	0	2	3	0	0	0	0	0	0	0	5	3	1
22	2	0	2	2	2	5	5	2	0	0	2	4	2
23	2	3	6	0	0	0	2	1	0	2	0	2	2
24	1	0	2	0	0	0	2	2	1	2	2	2	1
25	3	0	2	3	2	2	0	1	2	0	0	7	2
26	4	7	5	2	1	0	2	5	4	2	0	3	3
27	4	6	6	2	4	2	2	0	0	3	2	5	3
28	3	3	3	5	2	3	2	3	3	2	1	2	2
29	3	0	3	0	3	0	0	5	0	3	3	2	2
30	2	0	3	5	3	4	0	0	3	0	3	0	2
31	7	4	3	1	0	2	0	3	4	2	2	2	3
MEAN	2	2	3	2	2	2	2	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS

NO 33019

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	6	0	5	5	0	2	0	0	1	2	2	3
2	1	2	0	0	0	1	0	2	0	2	2	1	1
3	0	0	0	1	1	4	0	2	0	2	0	2	1
4	1	0	1	3	0	0	0	2	0	2	7	1	2
5	2	0	0	6	2	3	0	4	2	2	1	4	2
6	2	5	5	5	1	2	2	1	0	0	9	3	2
7	1	1	0	0	0	3	0	1	2	0	2	0	2
8	3	3	2	7	3	2	0	0	0	0	3	2	1
9	3	2	0	0	2	0	0	3	1	0	0	0	1
10	0	0	0	4	0	2	2	2	0	3	0	0	1
11	7	3	2	8	0	3	0	3	0	5	3	1	3
12	5	0	2	2	2	0	0	3	0	5	7	9	3
13	12	5	6	7	3	6	2	5	3	2	3	8	5
14	11	5	2	9	3	5	5	3	1	7	6	11	6
15							- DATA MISSING	-					
16							- DATA MISSING	-					
17	****	****	****	****	2	0	2	0	0	0	2	2	1
18	0	1	2	0	2	0	2	2	1	0	0	0	1
19	2	1	2	0	5	0	3	3	0	0	2	2	2
20	0	5	5	2	7	2	2	1	0	4	3	2	2
21	2	0	1	3	0	0	2	0	11	2	1	3	2
22	1	2	1	0	3	0	2	0	0	0	0	0	1
23	2	2	1	0	0	1	0	2	0	0	3	0	1
24	1	0	0	4	0	2	3	0	2	2	2	0	1
25	3	0	2	4	2	2	3	0	2	5	3	3	2
26	7	3	3	9	7	7	3	2	2	1	2	0	4
27	4	0	0	1	0	0	0	1	2	0	0	0	1
28	0	6	2	5	7	4	2	0	0	2	0	2	3
29	2	0	0	2	0	0	0	4	0	2	0	2	1
30	1	2	0	1	0	2	0	3	0	2	0	2	1
31	0	3	1	2	2	1	3	0	0	2	0	0	1
MEAN	3	2	1	3	2	2	1	2	1	2	2	2	2

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS

NO 33019

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	2	2	0	0	0	2	1	2	4	1
2	2	2	0	9	8	0	4	2	2	0	2	0	3
3	3	0	2	2	7	0	2	3	1	2	3	0	2
4	2	2	3	2	0	0	0	3	2	2	0	0	2
5	3	2	1	0	0	2	0	0	3	1	1	2	1
6	0	4	0	2	0	2	0	1	0	4	2	0	1
7	1	0	4	0	2	0	2	0	2	0	0	0	1
8	2	0	0	2	0	1	2	0	2	0	2	6	2
9	3	1	2	3	3	3	2	0	2	2	2	2	2
10	2	3	3	5	2	2	2	1	0	3	2	3	2
11	1	2	0	2	0	3	2	0	1	1	0	7	2
12	1	5	4	2	3	4	2	2	1	0	2	2	2
13	4	0	2	2	0	0	2	1	1	1	2	0	2
14	2	0	0	2	0	1	1	0	1	0	2	1	1
15	2	0	0	2	2	3	2	0	0	0	0	0	1
16	2	2	4	0	1	4	0	0	2	2	2	0	2
17	3	0	0	2	2	0	0	2	0	0	0	2	1
18	0	2	3	2	0	0	1	2	2	6	1	2	2
19	1	4	3	1	3	0	0	2	3	2	2	2	3
20	4	1	2	3	6	3	2	2	2	2	1	2	3
21	2	3	1	6	5	3	5	1	5	3	4	5	4
22	2	3	5	3	3	3	2	0	2	0	2	2	2
23	2	0	1	2	0	3	0	0	1	0	3	1	1
24	3	0	2	1	0	1	0	2	2	2	2	2	1
25	4	0	2	5	3	4	0	2	2	3	0	3	3
26	2	3	3	1	2	5	3	1	3	0	0	0	2
27	2	0	0	0	0	0	3	0	0	1	3	2	1
28	0	2	3	5	1	1	0	0	0	2	1	0	1
29	0	0	0	3	2	2	0	2	1	2	2	1	1
30	2	0	4	9	4	0	1	2	2	2	2	2	3
MEAN	2	2	2	3	2	2	1	1	2	1	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	3	2	1	3	0	2	0	0	2	1
2	1	2	4	0	3	3	1	3	4	5	2	0	2
3	2	0	3	3	2	3	2	2	2	1	2	1	2
4	3	1	0	1	0	2	4	0	2	1	2	6	2
5	5	1	6	13	5	3	4	3	2	1	4	2	4
6	3	0	4	4	4	4	3	1	2	2	9	5	3
7	4	5	3	6	9	7	5	4	8	3	5	3	5
8	5	7	7	3	6	6	5	2	4	2	6	4	5
9	3	2	3	2	2	3	4	5	2	3	0	2	3
10	0	1	2	0	5	0	2	1	2	5	2	0	2
11	2	0	5	0	3	0	1	0	0	0	1	2	1
12	2	2	1	3	****	****	****	****	****	****	****	****	****
13							- DATA MISSING	-					
14							- DATA MISSING	-					
15							- DATA MISSING	-					
16	****	****	****	****	****	****	****	****	****	****	****	****	****
17	3	9	11	3	3	3	5	5	1	5	3	5	****
18	5	6	2	6	0	4	2	3	5	4	7	2	5
19	5	2	2	2	2	2	0	5	2	5	4	3	4
20	0	2	2	2	4	2	0	6	2	1	2	5	2
21	2	2	2	0	4	1	3	0	1	1	1	0	1
22	0	0	0	2	0	0	0	2	6	0	1	4	1
23	3	0	4	4	5	2	0	1	3	3	4	3	3
24	2	1	4	2	2	2	3	0	6	7	3	0	3
25	2	1	2	2	2	2	3	0	2	2	2	2	2
26	2	2	2	3	2	0	1	3	2	2	6	0	2
27	2	1	2	0	2	2	0	3	2	0	0	2	1
28	0	0	2	3	1	2	2	0	2	0	3	2	2
29	0	4	0	2	2	0	3	0	2	3	0	2	2
30	2	6	3	3	2	3	2	1	2	0	2	1	2
31	3	2	1	0	1	0	3	1	3	2	3	2	2
MEAN	2	2	3	3	3	2	2	2	3	2	3	2	2

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019 MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	4	2	2	5	1	2	2	3	7	5	3	3
2	5	0	2	2	1	2	0	1	2	2	2	2	2
3	1	0	0	2	0	0	2	0	0	2	1	2	1
4	0	0	1	0	2	0	0	3	2	1	1	2	1
5	2	3	2	2	2	0	2	0	1	2	4	1	2
6	5	6	4	3	3	6	4	3	5	3	0	4	4
7	4	4	8	2	2	2	0	2	0	2	3	2	3
8	0	4	0	3	1	2	0	2	0	2	2	3	2
9	1	2	4	4	4	5	5	****	5	0	4	2	3
10	2	3	3	2	5	4	0	0	3	8	3	6	3
11	9	8	9	10	10	4	5	0	2	5	3	3	6
12	2	3	3	4	2	3	3	0	2	0	1	3	2
13	0	0	0	2	3	0	2	2	0	3	0	2	1
14	2	1	1	1	2	2	1	2	2	2	2	2	2
15	1	1	3	0	0	2	0	2	2	2	2	2	1
16	2	7	5	5	5	2	2	3	5	6	2	4	4
17	2	3	2	5	6	3	2	1	5	5	2	4	3
18	2	3	3	0	7	4	4	2	0	2	4	3	2
19	5	3	5	4	7	4	8	4	7	4	3	3	3
20	5	6	5	4	2	8	5	2	1	2	2	3	4
21	2	2	0	2	2	0	2	5	2	3	5	1	2
22	2	2	3	4	5	4	4	2	3	2	2	2	3
23	2	4	2	2	0	2	2	2	5	3	1	2	2
24	2	2	3	0	4	0	2	3	2	5	2	3	2
25	2	1	5	2	5	2	5	3	3	4	5	2	3
26	3	3	7	7	5	5	5	4	4	4	6	3	4
27	2	4	5	7	3	1	8	13	9	5	3	3	6
28	0	2	2	2	2	1	2	2	2	2	4	2	2
29	0	2	2	2	3	2	1	1	3	5	5	2	2
30	0	2	2	2	3	2	1	1	3	6	5	2	2
MEAN	2	3	3	3	3	2	3	2	3	3	3	2	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS

NO 33019

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	2	2	0	4	0	2	5	1	2
2	2	5	1	2	2	1	1	2	3	4	5	4	3
3	4	2	4	2	9	3	2	2	2	2	2	2	3
4	2	2	0	1	0	0	0	2	5	2	3	2	2
5	3	0	8	9	5	3	2	3	4	3	1	1	4
6	2	0	2	2	0	0	0	1	1	0	1	1	1
7	0	2	2	2	2	0	0	0	2	0	3	5	2
8	2	2	1	2	1	5	7	3	3	3	5	5	3
9	4	6	5	6	8	8	7	2	6	****	****	****	6
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	****	****	****	****	8	4	9	****
29	6	7	6	13	11	7	3	0	3	4	4	3	6
30	4	2	3	5	11	3	2	0	7	11	5	4	5
31	0	4	7	2	5	1	2	2	3	5	2	2	3
MEAN	2	3	3	4	5	3	2	2	3	4	3	3	3

PERCENTAGE OF DATA VALID - 38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	12	2	4	9
JUL	31	2	4	10
AUG	29	2	6	12
SEP	30	2	4	9
OCT	28	2	5	13
NOV	30	3	6	13
DEC	13	3	6	13
YEAR	173	2	6	13

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MET BRANCH SCARBOROUGH BLUFFS NO 33019

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	125	13	0	0	0	0	0	138
JUL	332	39	0	0	0	0	0	371
AUG	298	42	4	0	0	0	0	344
SEP	339	21	0	0	0	0	0	360
OCT	272	47	2	0	0	0	0	321
NOV	290	68	1	0	0	0	0	359
DEC	108	32	4	0	0	0	0	144
YEAR	1764	262	11	0	0	0	0	2037

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
79	0	0.3	0.8	1.5	2.3	4.5	5.6	7.3	8.6	13	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	****	****	****	****	****	****	****	4	3	0	5	2	****
12	3	0	2	5	0	5	3	7	2	2	5	3	3
13	3	0	0	0	0	3	2	2	0	3	3	4	2
14	5	2	4	5	2	0	2	2	2	2	3	2	3
15	2	3	7	2	3	5	2	4	3	4	0	5	3
16	2	2	1	4	3	2	1	5	3	4	2	4	8
17	6	8	3	13	13	8	9	6	7	7	8	8	3
18	4	6	4	4	3	2	1	0	0	2	2	2	1
19	4	0	2	0	0	0	0	2	0	2	2	3	1
20	0	0	1	0	2	2	2	2	0	4	2	7	2
21	4	2	3	2	3	2	0	2	2	0	0	6	2
22	2	5	0	2	2	2	6	4	4	4	5	6	4
23	9	4	2	3	6	5	2	3	5	2	2	6	4
24	3	4	7	7	8	5	1	6	3	4	7	2	5
25	0	1	1	2	2	0	2	1	2	0	1	2	3
26	6	2	1	2	3	2	0	0	2	2	3	2	2
27	2	3	3	2	2	2	1	1	2	2	3	11	2
28	2	3	2	2	2	5	0	0	2	0	2	4	2
29	2	3	2	3	5	4	3	3	4	4	6	1	3
30	2	1	0	2	1	0	1	0	2	1	3	2	1
MEAN	3	3	2	3	3	3	2	3	2	2	3	4	3

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	0	5	1	0	2	3	2	2	0	0	2
2	3	1	1	0	0	3	6	1	4	3	3	3	2
3	4	2	2	5	8	8	9	3	4	2	3	2	4
4	3	4	8	4	1	3	2	3	0	0	3	3	3
5	0	4	2	0	2	0	0	0	0	2	0	1	1
6	4	2	0	4	0	2	0	0	1	0	3	8	2
7	4	5	5	10	4	6	3	3	2	3	3	6	5
8	3	6	5	7	6	6	3	2	6	4	2	7	5
9	8	3	5	8	8	5	2	4	2	0	2	3	4
10	2	6	2	2	4	2	3	4	2	5	4	8	4
11	7	8	2	2	3	4	2	0	3	2	2	3	3
12	0	1	3	3	1	0	0	1	2	0	1	1	1
13	4	2	6	2	2	0	2	2	0	0	0	2	2
14	1	2	2	****	2	6	6	5	3	9	5	4	4
15	2	5	1	2	5	4	7	2	6	1	2	4	3
16	2	2	2	1	2	0	0	0	1	3	2	5	2
17	0	6	2	2	6	4	2	0	6	2	2	2	3
18	0	2	0	4	2	1	0	0	0	0	1	0	1
19	0	4	1	0	0	5	0	3	0	0	0	0	1
20	1	0	2	6	2	4	2	0	1	4	1	2	2
21	0	2	2	1	5	2	0	2	0	0	0	1	1
22	1	4	3	4	4	4	2	4	2	3	3	5	3
23	5	7	7	11	12	4	2	3	2	2	0	1	5
24	2	2	2	1	6	2	4	1	4	0	2	4	3
25	2	5	5	6	4	3	2	1	2	2	2	5	3
26	10	7	3	3	3	5	4	5	3	3	6	3	5
27	7	6	9	6	7	4	7	7	3	5	4	5	6
28	2	5	5	4	5	2	8	2	3	7	2	6	4
29	0	3	0	2	4	4	1	0	4	2	5	7	3
30	3	4	2	2	2	2	3	4	2	2	5	2	3
31	3	2	3	4	7	8	3	7	8	4	3	6	5
MEAN	3	4	3	4	4	3	3	2	3	2	2	4	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002							MONTH AUG 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	10	7	3	3	0	2	4	1	0	2	1	3
2	3	2	2	2	0	1	1	2	1	0	1	3	2
3	0	1	2	2	0	2	0	4	2	0	0	1	1
4	0	0	2	2	4	2	2	1	0	0	0	0	1
5	3	6	2	1	7	2	1	2	3	5	0	2	3
6	6	5	4	4	6	3	1	2	3	2	2	6	4
7	4	8	8	7	8	4	2	0	2	2	2	5	4
8	5	5	6	5	8	2	0	1	4	2	0	2	3
9	8	5	3	3	3	1	1	2	2	1	0	2	3
10	1	2	2	4	3	0	2	0	5	2	2	3	2
11	8	7	4	11	8	2	2	0	4	2	2	2	4
12	3	2	0	2	1	4	4	3	0	4	1	9	3
13	2	11	5	11	8	6	4	2	6	8	6	5	6
14	8	6	6	3	10	14	5	4	4	8	5	5	7
15	7	9	5	5	8	10	7	5	5	4	6	3	6
16	2	3	10	5	5	0	2	2	1	2	3	2	3
17	2	3	2	2	2	2	2	1	0	0	0	2	2
18	***	***	***	***	7	1	0	1	0	5	***	***	2
19	1	3	0	1	8	6	0	3	3	4	0	3	2
20	2	0	3	2	6	7	2	2	0	2	0	0	2
21	0	3	2	1	2	0	0	1	0	0	2	1	1
22	4	3	5	3	2	1	1	1	2	2	0	3	2
23	2	1	2	1	2	0	2	0	2	0	3	3	2
24	2	6	4	2	9	1	2	4	2	3	5	4	4
25	6	3	2	3	6	4	3	3	3	2	2	2	3
26	2	3	0	4	7	5	5	2	0	1	2	2	3
27	4	2	2	0	2	0	0	0	1	0	4	1	1
28	5	2	4	6	2	3	3	0	0	5	1	1	3
29	1	2	0	2	2	0	0	1	4	2	4	2	1
30	7	0	0	1	1	3	0	2	4	2	3	1	2
31	1	1	1	1	1	0	1	0	1	2	2	3	1
MEAN	3	4	3	3	5	3	2	2	2	2	2	3	3
PERCENTAGE OF DATA VALID - 98													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002							MONTH SEP 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	2	0	3	2	0	1	3	1	1
2	2	2	1	4	7	4	3	5	1	***	***	***	3
3	3	3	4	5	2	2	7	2	5	2	6	4	4
4	3	5	2	5	2	2	2	3	0	0	2	1	2
5	2	2	2	0	2	0	0	0	3	1	3	3	2
6	4	1	0	1	0	0	0	0	2	0	1	2	1
7	4	3	0	0	1	0	0	0	1	0	1	2	1
8	0	1	2	0	4	5	2	3	5	3	3	9	3
9	2	6	3	5	3	1	3	5	5	2	4	5	4
10	7	2	4	3	8	5	6	2	2	1	4	2	4
11	3	1	3	2	2	5	0	2	0	0	4	3	2
12	3	2	5	0	7	2	2	4	1	6	1	3	3
13	5	2	4	0	3	0	2	2	1	1	0	1	2
14	4	0	0	0	0	1	2	0	1	0	3	2	1
15	2	0	3	0	1	5	2	0	0	0	0	4	2
16	1	5	3	5	2	0	0	1	0	0	0	2	2
17	2	3	0	3	9	2	4	0	2	1	2	3	2
18	0	0	2	0	7	2	3	1	4	2	3	2	3
19	2	2	0	0	3	2	3	0	0	2	2	8	3
20	5	5	2	4	3	4	3	0	4	4	3	2	3
21	5	3	5	1	8	11	2	2	4	2	5	0	4
22	2	4	2	4	3	6	5	0	2	2	0	3	3
23	2	2	3	0	2	1	2	1	3	2	1	2	2
24	2	0	2	0	2	2	0	3	1	5	2	0	2
25	0	2	0	2	2	3	1	3	0	1	2	8	2
26	0	3	6	4	3	5	5	2	4	0	0	0	3
27	3	0	0	1	0	0	1	2	2	2	1	1	1
28	3	0	0	3	5	1	2	0	0	1	1	1	1
29	1	0	0	2	2	1	1	3	0	2	2	3	2
30	2	0	4	3	11	1	1	0	2	0	2	0	2
MEAN	2	2	2	2	4	2	2	2	2	2	2	3	2
PERCENTAGE OF DATA VALID - 99													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	5	2	2	0	1	0	3	3	2	2
2	0	5	1	4	2	0	4	8	4	2	2	0	3
3	3	2	6	2	1	0	2	1	0	0	4	3	2
4	0	3	3	1	2	0	0	0	3	0	3	0	1
5	5	4	5	8	19	3	2	7	4	4	2	2	5
6	3	2	2	3	7	5	3	6	5	3	8	7	5
7	6	9	9	17	19	10	5	9	12	11	10	10	11
8	14	13	9	16	22	10	9	8	4	5	6	6	10
9	6	3	5	5	2	5	2	0	5	3	2	4	4
10	0	2	2	3	3	2	4	3	0	2	4	3	2
11	3	0	1	1	2	2	1	0	0	0	0	0	1
12	0	5	2	5	2	9	4	4	5	4	2	2	4
13	3	0	2	2	4	2	4	1	3	0	2	2	2
14	4	9	3	9	8	4	7	2	0	2	2	2	4
15	0	1	0	1	0	0	2	0	2	1	2	3	1
16	0	1	0	4	1	****	0	3	1	1	2	5	2
17	5	3	3	7	4	2	3	2	5	9	10	7	5
18	1	3	7	4	3	2	0	2	2	1	1	3	2
19	2	0	1	7	4	0	3	0	1	0	2	5	2
20	6	3	5	9	5	4	1	3	2	3	4	5	4
21	3	2	2	0	2	4	2	0	4	0	2	2	2
22	0	2	2	2	0	2	0	2	8	4	1	3	2
23	0	2	2	4	1	2	2	4	6	3	1	4	3
24	4	3	4	2	4	3	0	3	2	3	5	5	3
25	2	2	1	3	2	0	1	2	1	3	0	2	2
26	1	3	3	2	4	1	0	3	1	3	3	2	2
27	1	1	2	2	0	0	2	0	****	****	****	****	1
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	3	3	5	5	3	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4	****	****	****	****	****	12	3	2	0	4	4	3	****
5	4	5	3	2	2	1	2	0	2	2	4	4	3
6	6	5	5	3	1	4	3	4	3	3	5	5	4
7	3	2	6	5	3	2	2	0	2	2	2	5	3
8	3	7	3	5	1	3	0	2	2	2	3	5	3
9	2	3	5	8	5	6	2	5	4	7	7	4	5
10	6	4	5	9	8	4	2	6	4	7	6	7	6
11	3	5	6	11	14	5	1	5	4	2	2	7	5
12	3	5	0	3	6	0	3	1	3	4	2	2	3
13	3	2	1	1	3	1	2	0	2	3	2	2	2
14	0	0	1	1	0	2	4	2	3	4	0	1	1
15	1	2	0	7	3	2	2	0	2	2	0	****	1
16	****	2	8	3	3	3	2	3	8	7	5	5	5
17	5	2	5	5	3	8	3	3	5	8	3	7	5
18	7	5	3	3	1	1	4	3	7	2	7	3	4
19	4	6	12	8	10	7	8	6	13	11	9	12	9
20	7	9	1	8	5	8	3	5	2	4	5	3	5
21	0	3	0	2	0	0	1	0	3	0	4	9	2
22	3	5	2	5	4	5	4	3	3	4	2	****	4
23	****	3	0	0	2	2	4	4	6	3	1	3	3
24	3	3	2	3	2	4	5	3	4	5	6	0	3
25	2	5	7	13	5	4	5	4	5	7	5	5	5
26	2	5	7	13	8	6	9	5	5	7	5	3	6
27	4	6	7	14	18	15	26	15	7	7	4	2	10
28	2	3	0	1	1	2	3	2	2	6	2	2	2
29	3	2	2	2	1	3	1	3	7	11	5	5	4
30	2	3	2	3	5	3	3	2	3	4	6	5	3
MEAN	3	4	4	5	4	4	4	3	4	5	4	4	4

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	2	1	0	2	2	2	3	9	9	5	5	4
2	3	3	6	7	2	2	2	5	0	12	9	3	5
3	3	3	4	5	7	4	4	5	4	3	0	2	4
4	2	2	1	1	2	3	1	3	3	1	5	3	2
5	9	9	6	13	11	3	4	4	4	1	0	0	5
6	0	2	0	3	3	0	2	2	1	3	1	0	1
7	3	5	3	4	2	0	****	****	0	0	2	0	2
8	10	7	5	3	4	5	7	6	9	5	11	16	7
9	6	10	8	5	5	2	7	7	8	5	7	3	6
10	4	2	3	1	3	2	2	2	5	6	0	0	3
11	0	5	2	3	3	2	5	5	3	2	2	0	3
12	0	1	0	3	0	0	0	3	0	3	0	2	1
13	2	0	0	2	2	7	2	3	2	3	4	7	3
14	6	0	0	3	2	0	11	15	0	4	5	4	5
15	0	0	2	4	3	3	4	5	5	5	3	5	4
16	6	2	2	2	2	0	2	4	4	0	3	2	2
17	0	0	3	2	2	2	****	2	5	5	4	2	2
18	5	2	2	0	11	6	5	3	5	2	12	3	5
19	5	7	6	7	9	10	4	2	3	0	2	6	5
20	0	2	0	2	2	3	2	2	2	7	2	2	2
21	3	0	2	1	****	3	1	3	4	4	1	1	2
22	1	0	3	7	1	0	2	1	4	2	2	1	2
23	7	0	6	0	3	1	1	5	1	7	6	2	3
24	9	8	13	8	2	2	1	2	2	8	10	6	6
25	4	6	4	8	5	4	8	7	5	10	8	6	6
26	8	4	5	6	2	9	6	0	4	1	7	4	5
27	4	5	0	6	3	5	2	3	3	1	8	1	3
28	2	2	4	4	10	3	5	0	7	7	11	12	6
29	8	1	7	7	17	4	2	0	3	9	3	1	5
30	3	2	7	9	8	5	0	2	2	4	12	6	5
31	10	5	12	8	12	10	6	1	8	3	2	3	7
MEAN	4	3	4	4	5	3	3	4	4	4	5	3	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	20	3	8	13
JUL	31	3	6	12
AUG	31	3	7	14
SEP	30	2	4	11
OCT	27	3	11	22
NOV	27	4	10	26
DEC	31	4	7	17
YEAR	197	3	11	26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	187	43	3	0	0	0	0	233
JUL	285	84	2	0	0	0	0	371
AUG	289	73	4	0	0	0	0	366
SEP	308	47	2	0	0	0	0	357
OCT	249	61	4	4	1	0	0	319
NOV	200	101	12	1	1	0	0	315
DEC	237	115	14	2	0	0	0	368
YEAR	1755	524	41	7	2	0	0	2329

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90	0	0.4	1.2	2.0	3.4	6.3	7.8	10.2	12.0	26	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11	****	****	****	****	3	2			3	0	2	0	
12	0	2	2	3	***	4	0	0	2	6	2	2	1
13	3	0	4	2	3	3	2	2	7	7	7	3	3
14	6	2	5	6	6	0	5	0	6	7	3	3	3
15	5	2	11	0	3	3	5	6	9	17	13	10	7
16	2	5	5	4	1	2	4	9	13	19	8	15	4
17	21	18	18	16	9	13	21	23	33	27	23	18	20
18	19	22	18	13	7	8	10	8	2	0	4	18	9
19	6	3	2	7	0	1	1	2	5	31	4	5	6
20	6	3	2	6	0	2	2	3	4	29	3	4	5
21	9	2	8	6	3	5	5	2	8	3	3	7	5
22	9	9	2	5	3	2	0	2	0	2	2	2	3
23	0	3	1	1	3	0	7	5	6	5	3	3	3
24	12	6	10	5	5	5	6	6	7	8	5	0	6
25	4	0	6	0	1	3	0	3	0	2	4	5	2
26	2	9	7	2	***	8	13	5	13	11	9	11	8
27	3	13	9	10	9	4	5	2	4	5	7	5	6
28	2	7	0	3	3	3	0	8	7	6	8	5	4
MEAN	6	6	6	5	4	4	5	5	7	10	6	5	6

PERCENTAGE OF DATA VALID - 62

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	9	11	8	3	7	4	5	5	5	7	7	6
2	5	3	5	6	8	5	8	9	2	10	7	5	6
3	3	4	12	11	9	9	7	3	7	2	9	5	7
4	5	5	12	10	9	12	6	15	4	7	3	0	7
5	0	2	2	3	2	2	1	2	2	0	0	1	1
6	0	6	7	2	3	3	5	7	11	9	11	3	5
7	0	6	17	5	2	4	3	2	3	2	4	1	4
8	2	3	2	4	0	2	2	0	2	0	5	0	2
9	3	2	2	3	0	2	3	5	2	3	2	2	2
10	3	2	2	10	0	3	2	0	0	0	2	2	2
11	4	2	3	3	2	2	4	2	3	0	9	7	3
12	6	3	3	3	1	3	2	2	3	3	0	2	3
13	2	0	5	2	3	****	3	0	2	2	1	4	2
14	3	2	2	2	2	1	1	5	5	2	2	5	3
15	2	0	5	0	2	2	1	2	4	1	3	0	2
16	6	4	2	4	2	5	3	3	2	5	3	3	3
17	3	9	9	1	7	6	3	3	8	7	19	19	7
18	16	9	15	11	4	3	11	9	7	9	16	5	9
19	5	12	9	1	4	3	13	15	16	11	15	7	9
20	5	7	7	9	10	6	4	5	3	5	2	6	6
21	0	2	3	4	2	2	7	5	5	2	2	2	3
22	2	4	5	7	2	5	7	5	4	6	2	2	4
23	2	8	7	5	2	2	3	5	3	0	3	1	3
24	4	0	2	2	1	0	2	2	7	7	7	5	3
25	5	5	2	0	2	0	2	9	1	5	3	0	3
26	3	3	5	8	8	12	5	3	0	3	2	2	5
27	0	2	2	2	0	0	3	9	3	9	3	4	3
28	5	0	4	1	0	0	1	7	4	2	2	2	3
29	5	0	0	1	0	2	3	2	1	7	7	1	2
30	3	11	5	4	5	6	6	7	8	5	7	8	6
31	4	4	7	3	4	2	3	8	2	3	3	3	4
MEAN	4	4	6	4	3	4	4	5	4	4	5	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	9	9	6	7	5	9	6	2	0	1	1	5
2	2	7	3	7	5	9	3	2	3	2	1	3	4
3	1	5	0	0	5	0	0	2	5	3	5	2	2
4	6	2	3	2	0	2	1	2	2	3	2	0	2
5	1	0	4	0	5	3	5	5	9	6	5	5	4
6	9	16	14	14	8	9	7	9	3	5	3	6	9
7	2	0	7	2	2	0	2	8	4	10	3	5	4
8	9	13	13	7	6	7	6	2	3	3	6	4	7
9	5	11	2	0	3	****	****	****	****	****	****	****	****
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	****	7	8	8	13	11	12	****
17	17	17	35	22	21	22	13	8	2	3	1	5	14
18	3	2	2	1	1	1	1	1	2	1	2	2	2
19	3	3	3	2	1	2	2	2	0	2	2	2	2
20	3	1	3	3	4	10	12	3	5	3	7	19	6
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	5	7	8	5	5	6	5	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	22	17	15	17	16	18	7	7	12	10	3	2	12
2	2	2	0	1	2	0	2	2	0	2	1	0	1
3	1	0	1	0	0	0	2	2	5	2	5	4	2
4	6	5	8	12	18	12	12	7	8	3	2	3	8
5	2	2	2	10	7	7	8	6	3	2	1	2	4
6	1	2	2	1	2	3	1	2	1	1	2	3	2
7	2	3	2	3	4	1	2	2	2	2	4	2	2
8	11	3	7	15	23	14	15	17	17	15	18	10	14
9	9	10	7	10	4	4	2	2	2	2	4	4	5
10	2	2	4	3	9	4	6	4	3	1	4	0	4
11	4	5	3	10	6	0	3	2	3	2	3	0	3
12	1	1	4	3	12	5	7	4	7	4	6	8	5
13	5	3	4	5	12	8	5	16	21	13	5	12	9
14	7	0	1	2	3	2	5	6	7	9	6	6	5
15	3	5	5	5	8	6	5	5	8	9	5	4	6
16	7	4	12	7	9	12	17	7	3	5	2	6	8
17	6	4	2	8	8	4	0	4	2	0	0	2	3
18	4	3	1	3	2	2	2	4	3	4	3	8	3
19	5	6	10	17	16	5	2	2	4	2	2	2	6
20	2	0	2	2	2	1	3	2	5	9	10	11	4
21	17	12	9	14	12	9	7	7	8	9	15	14	11
22	14	17	10	4	8	8	3	4	2	2	3	1	7
23	2	3	2	2	2	2	5	3	1	4	2	7	3
24	7	8	6	2	3	1	2	0	4	1	2	3	3
25	1	3	3	7	12	18	16	13	9	12	8	7	9
26	5	2	3	4	4	5	2	1	2	2	1	0	3
27	0	1	1	1	3	2	2	0	1	2	1	3	1
28	4	1	4	5	3	6	4	3	8	7	7	7	5
29	3	10	9	12	9	5	3	6	4	4	3	4	6
30	3	12	6	5	8	5	5	2	3	4	5	7	5
31	10	10	7	4	2	6	4	3	4	4	2	4	5
MEAN	5	5	5	6	7	6	5	5	5	5	4	5	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	7	7	9	13	10	****	****	****	****	****	****	****
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	9	7	7	9	13	10	****	****	****	****	****	****	9
PERCENTAGE OF DATA VALID - 1													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	5	4	5	2	7	5	3	5	1	4	4
2	6	3	2	2	3	2	0	10	11	8	7	8	5
3	8	7	13	12	11	11	10	8	8	7	7	4	9
4	3	3	7	3	0	4	0	3	0	4	1	4	3
5	2	0	0	0	0	0	0	0	0	1	2	2	1
6	1	2	2	4	3	0	2	3	2	0	3	3	2
7	4	3	10	6	5	6	0	3	2	3	9	7	5
8	5	7	9	13	7	8	5	5	5	10	13	12	8
9	6	8	7	9	9	11	7	5	8	5	3	3	7
10	4	8	5	9	9	10	8	5	7	6	9	5	7
11	9	2	4	0	2	2	0	4	1	4	0	3	3
12	2	0	2	3	0	1	2	0	3	3	0	4	2
13	3	2	7	8	7	4	5	3	3	5	0	4	4
14	3	2	5	9	9	5	9	9	11	6	9	7	7
15	6	2	4	8	13	2	5	4	7	2	5	4	5
16	5	0	3	4	0	2	0	2	0	0	3	5	2
17	11	7	5	6	4	1	4	2	2	2	2	1	4
18	3	4	2	0	0	3	3	0	2	1	2	2	2
19	0	2	0	0	0	3	0	3	0	3	3	0	1
20	5	2	5	11	5	2	1	0	0	3	1	0	3
21	7	2	2	3	0	3	0	****	3	2	0	0	2
22	3	0	5	0	2	1	2	0	2	2	1	2	2
23	2	3	0	5	2	****	****	****	0	2	3	1	2
24	1	2	2	7	2	5	3	6	5	2	2	4	3
25	3	2	4	0	2	2	3	0	3	3	2	2	2
26	4	0	3	3	0	5	0	2	2	4	2	1	2
27	5	2	2	3	7	2	3	4	4	3	5	0	3
28	0	7	3	5	3	5	3	3	4	0	2	3	3
29	0	2	0	2	3	3	3	3	1	2	6	4	2
30	4	4	3	10	5	4	2	2	4	5	7	3	4
31	5	9	7	2	7	6	5	2	7	0	2	1	4
MEAN	4	3	4	5	4	4	3	3	4	3	4	3	4
PERCENTAGE OF DATA VALID - 98													

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	5	2	2	0	1	0	2	0	0	0	0	2
2	0	3	0	0	0	0	0	0	1	0	0	3	1
3	0	0	0	1	1	0	2	0	0	0	2	0	1
4	2	0	0	0	0	2	0	0	0	0	2	3	1
5	4	0	2	2	2	2	0	0	4	2	7	8	3
6	8	1	0	2	0	0	2	5	8	5	2	6	3
7	3	2	7	6	1	5	0	3	0	5	2	8	4
8	4	4	5	0	3	0	3	2	2	0	2	3	2
9	4	1	4	1	2	0	2	1	0	2	2	2	2
10	0	3	3	5	5	6	4	3	6	3	5	2	4
11	3	2	4	4	2	3	1	0	2	2	3	0	2
12	2	0	0	2	0	3	2	0	2	2	2	3	2
13	3	0	5	2	7	1	0	9	5	5	7	3	4
14	4	0	5	3	13	7	7	4	3	2	3	2	4
15	3	2	2	0	5	1	3	3	0	5	1	3	2
16	2	0	2	4	3	3	0	3	0	2	0	1	1
17	2	0	2	2	0	0	****	2	1	0	2	3	1
18	2	5	5	2	3	4	9	2	5	3	7	6	4
19	5	5	4	11	9	5	4	9	5	4	8	3	6
20	1	4	8	8	4	5	1	0	0	2	2	2	3
21	2	0	0	5	2	0	1	0	1	0	5	2	1
22	0	2	2	2	2	2	3	3	1	0	3	2	2
23	2	0	3	2	1	3	0	5	0	2	0	5	2
24	0	2	3	0	4	4	0	2	5	4	1	3	2
25	2	3	3	2	2	2	8	4	7	3	3	2	3
26	4	2	7	7	3	0	2	0	3	2	0	2	3
27	0	2	0	5	3	3	2	7	2	5	5	6	3
28	5	0	3	7	3	2	3	2	2	0	1	3	3
29	0	2	0	0	0	0	2	1	0	2	0	0	1
30	0	0	3	0	3	2	3	5	0	2	2	0	2
31	0	2	2	2	1	2	****	0	0	2	1	1	1
MEAN	2	2	3	3	3	2	2	3	2	2	3	3	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	2	1	2	2	0	2	0	0	0	2	0	1
2	2	0	1	5	3	6	2	4	5	3	0	9	3
3	2	3	0	9	3	7	3	5	9	7	6	4	5
4	5	2	5	7	6	0	0	0	3	0	1	0	2
5	2	3	2	1	0	0	3	0	0	0	2	0	1
6	1	0	2	0	5	0	3	0	0	2	3	3	2
7	2	0	0	2	0	0	0	5	0	1	0	0	1
8	3	3	1	3	3	5	3	3	****	****	****	****	3
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21	****	****	****	****	****	****	****	2	9	1	5	1	****
22	3	7	0	16	2	11	6	2	1	2	3	2	5
23	1	0	0	2	2	2	3	5	8	8	4	7	4
24	9	9	3	9	5	8	9	8	11	11	7	3	8
25	4	0	2	2	5	1	0	0	0	2	4	5	2
26	8	6	4	4	9	7	4	4	4	0	1	2	4
27	0	1	0	1	2	1	0	1	2	0	5	1	1
28	1	1	1	9	4	0	2	0	2	2	2	1	2
29	0	0	0	2	4	0	2	3	2	6	2	5	4
30	10	4	8	10	7	3	0	2	1	1	0	1	4
MEAN	3	2	2	5	4	3	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	6	0	0	4	3	7	11	11	4
2	2	5	6	10	14	8	4	11	8	7	5	0	7
3	2	3	3	8	5	0	3	0	0	2	0	0	2
4	0	2	0	3	0	0	1	0	0	2	2	5	1
5	3	1	1	5	14	11	11	6	7	14	6	6	7
6	6	2	9	10	13	6	2	5	7	10	10	10	8
7	15	18	21	21	29	23	15	12	16	19	16	17	19
8	14	12	11	19	22	24	22	15	16	13	12	5	15
9	12	13	11	12	18	12	10	5	9	7	5	5	10
10	2	2	7	3	8	7	3	2	2	2	4	5	4
11	2	1	5	4	3	2	0	2	2	3	2	3	2
12	2	1	2	4	4	6	7	0	2	1	3	2	3
13	4	3	2	4	9	5	7	6	6	6	6	4	5
14	11	9	9	15	17	13	14	4	9	1	4	0	9
15	0	3	0	0	2	0	0	0	3	0	2	0	1
16	2	2	0	1	3	1	0	2	2	2	2	2	2
17	3	5	4	1	6	2	3	3	6	5	10	10	5
18	3	1	3	2	2	1	3	3	1	4	1	****	2
19	****	3	3	10	11	6	5	6	9	8	8	6	7
20	4	9	12	14	16	14	8	7	10	6	6	10	10
21	6	6	8	10	9	9	6	8	8	7	3	4	7
22	5	4	5	7	8	7	0	0	2	2	3	2	5
23	0	5	2	1	0	3	2	0	2	6	3	7	2
24	6	5	4	2	8	5	3	2	3	7	12	14	6
25	9	2	2	3	2	3	4	3	2	4	4	4	4
26	5	1	1	2	8	10	9	6	7	10	5	3	6
27	6	4	3	7	9	9	4	6	6	7	4	4	6
28	3	3	2	4	6	6	5	4	3	6	5	2	4
29	6	6	3	6	9	7	7	8	9	6	4	9	7
30	7	2	6	8	9	12	8	5	5	7	3	3	6
31	4	2	2	1	2	4	1	2	6	9	9	6	4
MEAN	5	4	5	6	9	7	6	4	6	6	5	5	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	5	5	0	0	4	3	10	12	19	9	3	6
2	3	4	2	2	10	5	2	5	10	6	5	5	5
3	5	6	4	5	6	4	4	3	4	0	0	2	4
4	1	2	2	2	2	3	0	3	2	3	2	3	2
5	3	2	3	2	3	0	3	1	3	1	6	7	3
6	2	7	5	9	8	7	3	9	7	6	3	5	6
7	2	3	3	****	****	****	****	****	****	****	****	****	****
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23	****	****	****	****	****	****	****	****	0	4	8	3	****
24	3	2	2	3	5	7	1	2	2	4	8	6	3
25	3	3	2	2	2	5	2	8	8	7	8	5	5
26	3	6	5	10	10	14	5	6	12	11	10	11	10
27	7	8	8	10	13	19	14	13	18	9	5	7	10
28	5	4	2	3	2	2	1	2	1	4	3	5	3
29	3	4	4	0	3	1	2	3	9	9	8	5	4
30	3	4	2	3	3	5	1	0	1	0	7	10	3
MEAN	3	4	4	4	5	6	4	5	6	6	5	6	5

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	13	3	3	8	7	5	7	6	14	13	11	9
2	5	5	3	1	1	6	0	3	2	3	4	5	3
3	4	6	6	3	8	12	5	9	10	4	5	4	6
4	****	****	2	2	1	2	2	0	2	2	2	3	2
5	4	2	2	4	9	15	15	4	4	4	2	3	6
6	2	0	0	1	0	0	2	0	2	3	2	4	1
7	2	2	0	0	2	1	2	2	2	4	4	9	3
8	9	12	9	8	11	12	7	13	11	17	14	15	12
9	24	9	9	5	10	11	10	5	5	3	4	3	8
10	4	1	2	3	0	3	4	3	2	3	2	3	3
11	4	0	2	3	3	7	6	3	5	2	4	3	4
12	2	1	2	1	2	5	3	3	2	3	3	1	2
13	1	3	2	1	2	2	4	2	5	3	3	3	3
14	****	****	0	5	13	18	5	4	3	7	8	3	7
15	3	2	1	3	9	9	10	9	11	10	7	7	7
16	4	3	2	2	3	7	9	6	6	6	5	3	5
17	3	2	3	3	5	4	3	2	5	5	5	4	4
18	2	2	3	2	14	19	7	5	10	10	8	6	7
19	6	8	7	11	11	13	9	5	3	2	2	1	7
20	0	0	0	1	1	1	1	2	1	2	0	2	1
21	3	2	2	0	5	4	3	2	5	2	3	2	3
22	4	3	0	2	3	5	3	4	1	5	0	3	3
23	4	2	2	2	3	7	5	4	7	4	4	5	4
24	1	7	0	5	2	5	1	2	0	4	3	7	3
25	4	2	2	4	5	2	6	3	6	9	13	11	6
26	9	6	10	7	5	10	7	7	3	2	5	5	6
27	3	7	4	2	2	1	1	2	2	0	1	3	2
28	2	2	2	2	2	3	1	2	2	3	3	2	2
29	****	****	2	6	5	12	6	****	6	3	2	3	5
30	2	4	5	3	2	4	5	2	1	4	8	4	4
31	3	10	3	5	5	8	2	8	7	8	5	4	6
MEAN	5	4	3	3	5	7	5	4	4	5	5	5	5

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	18	6	20	33
MAR	31	4	9	19
APR	14	5	14	35
MAY	31	5	14	23
JUN	1	9	0	13
JUL	31	4	9	13
AUG	31	2	6	13
SEP	18	3	8	16
OCT	31	6	19	29
NOV	15	5	10	19
DEC	31	5	12	24
YEAR	252	4	20	35

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	105	76	12	8	7	2	0	210
MAR	232	116	18	5	0	0	0	371
APR	87	50	10	4	3	1	0	155
MAY	212	113	28	16	3	0	0	372
JUN	0	5	1	0	0	0	0	6
JUL	248	107	13	0	0	0	0	368
AUG	304	64	2	0	0	0	0	370
SEP	154	47	3	1	0	0	0	205
OCT	182	137	34	10	7	0	0	370
NOV	90	62	9	2	0	0	0	163
DEC	227	109	25	3	1	0	0	365
YEAR	1841	886	155	49	21	3	0	2955

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
73	0	0.5	1.5	2.7	4.8	9.0	11.9	16.1	18.4	35		4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24	****	****	****	****	****	****	0	3	0	0	5	1	****
25	2	2	2	4	2	0	2	2	2	3	5	0	2
26	2	0	2	1	2	2	2	3	0	1	3	1	2
27	0	2	3	3	2	5	1	3	2	2	4	3	3
28	2	0	5	0	3	2	0	2	0	5	0	5	2
29	2	3	0	4	13	0	5	2	4	2	7	9	4
30	9	7	7	9	6	0	5	1	7	8	5	3	6
31	8	6	1	5	5	4	4	2	0	7	3	6	4
MEAN	3	3	4	4	5	2	2	2	2	3	4	3	3

PERCENTAGE OF DATA VALID - 27

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	5	1	1	2	0	2	2	0	2	0	2
2	1	0	2	0	3	0	0	2	3	2	0	2	1
3	4	2	4	0	0	3	0	5	2	3	1	0	2
4	2	0	1	1	0	0	3	2	5	2	0	3	2
5	2	2	1	3	7	2	2	6	2	3	6	2	3
6	2	4	3	6	1	1	5	6	0	0	7	14	4
7	7	1	2	9	7	7	2	2	4	2	2	9	5
8	3	5	2	5	7	7	2	0	1	1	1	4	3
9	3	2	3	2	3	3	0	0	0	5	0	5	2
10	2	0	6	17	9	4	2	2	0	0	5	6	4
11	2	6	4	3	0	2	2	2	2	3	2	0	2
12	1	2	0	2	0	2	0	3	3	5	9	10	3
13	7	2	5	7	5	4	3	2	4	7	4	7	5
14	3	5	7	6	5	9	1	2	2	0	5	2	4
15	3	9	5	7	11	4	5	2	2	5	3	4	5
16	4	3	5	7	2	3	2	1	0	0	0	3	3
17	0	0	3	3	2	****	****	****	****	****	****	****	****
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	3	3	3	5	4	3	2	2	2	2	3	4	3

PERCENTAGE OF DATA VALID - 52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21	****	****	****	****	0	****	2	6	2	2	2	2	****
22	4	1	2	2	1	1	0	0	3	3	0	1	2
23	0	2	2	0	1	1	6	4	9	6	12	6	4
24	2	2	4	3	5	6	7	8	2	4	1	2	4
25	1	4	7	4	0	2	2	4	7	9	5	7	4
26	6	4	9	9	6	7	4	3	2	2	3	2	5
27	0	0	2	0	0	2	0	0	1	0	2	1	2
28	0	4	2	2	0	1	0	2	4	2	0	1	2
29	0	0	4	2	2	1	0	1	2	2	3	7	2
30	4	3	6	3	1	2	0	1	2	0	2	2	2
MEAN	2	2	4	3	2	3	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	0	4	****	3	7	3	7	6	4
2	6	11	20	6	5	4	4	3	2	3	1	2	6
3	4	2	4	1	1	0	0	1	0	0	0	1	1
4	2	1	2	0	1	1	0	2	2	2	3	3	2
5	3	1	16	16	3	2	2	7	5	5	4	7	6
6	10	9	9	1	2	2	11	17	11	14	14	20	9
7	19	20	21	22	12	19	12	14	19	26	27	18	19
8	18	16	27	37	22	9	10	17	11	12	12	12	17
9	13	10	11	9	6	6	7	5	12	4	2	4	7
10	1	4	3	7	0	2	1	5	6	4	2	2	3
11	0	0	3	1	1	1	0	2	3	2	2	1	1
12	4	2	3	5	5	2	2	2	2	6	2	3	3
13	3	5	11	3	5	5	5	6	6	4	4	3	5
14	8	8	11	14	10	3	2	0	4	4	2	0	6
15	1	0	2	0	2	0	2	2	2	3	4	0	2
16	0	2	3	5	10	****	****	2	3	1	0	4	2
17	4	2	0	4	10	3	3	3	7	1	4	2	2
18	2	3	0	4	7	1	0	0	2	0	0	2	2
19	1	4	4	16	7	1	0	2	3	7	12	12	6
20	7	8	8	16	20	6	5	9	5	8	8	4	9
21	5	4	2	4	7	3	4	4	4	5	2	4	4
22	6	3	8	6	2	4	5	2	5	4	4	5	5
23	3	4	4	3	6	3	****	2	3	8	5	2	4
24	4	2	3	4	4	3	6	2	4	5	11	5	4
25	8	3	4	2	4	4	3	2	2	6	5	5	4
26	4	2	2	6	6	3	2	3	3	4	3	3	3
27	3	3	1	4	2	2	4	2	3	2	1	1	2
28	2	3	2	2	2	2	2	3	3	3	1	5	3
29	6	3	4	4	3	4	6	4	4	4	4	3	4
30	3	4	4	5	4	7	3	****	4	2	5	2	4
31	1	2	2	0	0	4	2	3	2	5	5	4	3
MEAN	5	5	6	7	5	4	4	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6	****	****	****	1	4	2	0	3	3	2	2	2	2
7	2	3	4	3	2	2	3	3	1	2	0	1	2
8	2	2	0	0	2	3	1	2	2	2	6	4	2
9	10	10	4	7	13	13	8	9	9	14	7	5	9
10	7	4	5	2	5	6	2	5	3	2	5	7	4
11	9	7	3	6	10	10	9	4			11		
12	7	5	5	1	0	2	1	2	****	6	****	8	8
13							- DATA MISSING -					****	3
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	6	5	4	3	5	5	3	4	4	5	5	5	4

PERCENTAGE OF DATA VALID - 21

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	****	****	4	4	4	1	****
4	2	1	4	2	1	2	2	0	3	0	0	6	2
5	6	4	0	0	7	4	7	8	2	4	2	0	4
6	0	2	0	1	3	0	2	4	2	2	2	4	2
7	0	2	1	0	2	0	2	0	0	5	5	10	2
8	15	16	11	11	15	9	7	2	7	6	8	12	10
9	9	2	4	2	5	9	3	6	2	5	2	5	5
10	6	0	5	3	3	2	2	2	4	4	3	4	3
11	****	****	****	2	4	7	1	5	4	3	3	6	4
12	2	3	1	1	2	3	6	7	5	4	5	5	4
13	2	5	4	1	0	7	2	3	2	3	4	2	3
14	3	5	2	2	6	9	2	2	3	3	9	3	4
15	3	4	4	4	4	11	11	13	8	8	6	3	7
16	4	5	3	6	4	6	5	2	5	5	3	4	4
17	1	4	1	4	3	8	3	2	5	4	2	3	3
18	****	****	2	4	6	8	0	7	2	5	2	12	5
19	4	6	6	5	11	1	4	0	2	1	0	0	1
20	0	1	2	0	0	2	2	0	2	2	2	1	1
21	0	0	0	0	1	4	4	1	7	0	4	3	2
22	5	3	0	0	7	2	4	4	1	2	2	5	3
23	2	4	0	2	2	6	4	1	4	6	1	6	3
24	4	2	1	2	2	3	2	2	1	2	4	5	3
25	2	2	2	6	3	0	2	5	5	8	6	11	4
26	4	2	2	7	4	5	6	0	0	0	1	1	3
27	2	4	5	4	2	1	3	3	7	2	3	1	3
28	****	****	****	1	2	6	4	3	4	5	13	11	5
29	7	3	2	3	6	8	6	1	3	8	4	8	5
30	2	2	2	0	4	13	2	0	0	4	8	13	4
MEAN	4	3	3	3	4	5	4	3	3	4	4	5	4

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003
POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	9	3	6	13
AUG	17	3	5	17
SEP	10	3	5	12
OCT	31	5	19	37
NOV	7	4	9	14
DEC	29	4	10	16
YEAR	103	4	19	37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - PARTICULATES - SOILING INDEX UNIT - COHS/1000FEET X 10
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	DATA MISSING							
JUL	75	26	1	0	0	0	0	102
AUG	145	49	2	1	0	0	0	197
SEP	93	21	1	0	0	0	0	115
OCT	244	80	20	16	6	1	0	367
NOV	45	28	4	0	0	0	0	77
DEC	229	87	15	1	0	0	0	332
YEAR	831	291	43	18	6	1	0	1190

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
53	0	0.5	1.4	2.4	4.0	7.6	10.5	15.2	18.7	37	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24	****	****	****	****	****	****	****	3	6	2	5	8	****
25	9	3	2	2	2	2	3	0	4	3	5	5	3
26	3	2	4	0	1	5	4	0	5	2	6	4	3
27	7	4	7	10	5	4	2	2	2	2	2	0	4
28	3	1	3	3	2	2	7	4	2	0	7	1	3
29	3	2	2	7	3	3	2	3	0	7	5	4	5
30	5	3	7	3	5	0	13	6	3	5	3	4	5
31	2	5	5	5	2	2	8	3	5	2	2	2	4
MEAN	5	3	4	4	3	3	6	3	4	3	4	4	4

PERCENTAGE OF DATA VALID - 23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	6	5	2	2	2	5	0	2	1	2	0	2
2	2	0	2	0	0	0	1	2	0	0	3	1	1
3	1	3	0	1	0	2	0	5	0	0	3	0	1
4	2	2	2	3	1	2	2	0	3	2	8	0	2
5	2	4	3	7	2	2	2	2	0	0	3	4	3
6	2	3	5	9	4	1	2	2	0	1	5	5	3
7	5	7	0	10	3	0	2	2	2	1	2	2	3
8	4	4	2	7	3	0	0	2	0	2	0	5	2
9	1	0	1	2	3	2	3	3	2	1	5	5	2
10	****	4	5	11	4	2	1	2	7	3	3	5	4
11	7	3	5	9	2	2	0	0	3	5	2	5	4
12	0	0	2	2	3	3	3	0	2	2	3	2	2
13	2	3	2	5	7	2	2	5	3	3	3	5	3
14	2	5	7	13	7	4	6	2	1	3	5	3	5
15	2	5	7	9	5	3	6	1	6	3	5	3	5
16	9	1	2	3	2	2	0	2	0	2	****	****	2
17	****	0	1	1	0	0	2	0	0	0	0	2	1
18	0	2	0	8	2	0	2	1	0	3	2	1	2
19	3	0	9	5	2	2	2	3	2	3	7	4	4
20	1	4	5	7	4	2	2	0	0	0	1	3	2
21	0	0	2	0	0	0	0	0	2	0	3	7	1
22	2	2	2	2	3	1	0	5	2	0	2	0	2
23	2	0	2	0	2	2	0	2	2	2	1	0	1
24	0	0	0	2	1	1	2	0	0	3	3	2	1
25	0	2	3	4	2	2	2	0	3	0	2	0	2
26	1	2	2	7	2	1	1	0	3	1	4	2	2
27	3	2	4	2	1	0	3	2	0	3	0	3	2
28	3	0	3	2	2	4	2	2	9	0	0	2	2
29	1	0	2	1	0	2	1	2	2	0	2	0	1
30	3	0	5	0	3	2	3	3	2	3	0	0	2
31	2	0	4	4	1	0	3	0	1	0	1	2	2
MEAN	2	2	3	4	2	2	2	2	2	2	3	2	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

UNITS - COHS/1000FEET X 10

MONTH SEP 70	14	16	18	20	22	24	MEAN
HOUR DAY	2	4	6	8	10	12	
1	0	1	2	2	0	0	1
2	2	2	0	9	4	0	3
3	7	3	0	7	6	3	4
4	2	0	3	2	2	0	1
5	0	1	0	0	0	0	1
6	2	3	1	1	1	2	2
7	4	3	0	2	3	5	4
8	3	0	3	3	3	5	0
9	5	5	2	2	2	3	7
10	3	3	8	0	5	2	3
11	1	0	2	1	0	3	1
12	3	3	3	7	2	0	2
13	3	2	5	0	0	1	2
14	0	2	2	2	4	0	2
15	0	0	0	7	3	1	2
16	0	2	0	3	0	2	2
17							
18	****	****	****	****	****	****	****
19	2	0	1	2	2	0	****
20	2	2	4	4	3	5	2
21	7	3	15	9	3	6	5
22	0	2	5	6	3	2	3
23	2	2	2	3	5	3	4
24	7	4	0	2	2	4	3
25	0	2	3	3	5	****	****
26							
27							
28							
29							
30	****	****	****	****	****	****	****
MEAN	2	2	3	3	2	2	2

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

UNITS - COHS/1000FEET X 10

MONTH OCT 70	14	16	18	20	22	24	MEAN
HOUR DAY	2	4	6	8	10	12	
1	1	1	1	3	3	2	2
2	2	6	14	20	13	4	6
3	0	1	0	0	1	0	1
4	0	2	0	2	0	0	1
5	0	3	2	7	10	7	4
6	5	9	6	8	2	2	9
7	16	15	20	28	11	6	14
8	14	11	15	16	29	10	12
9	9	10	4	5	8	3	5
10	3	2	4	8	3	0	3
11	0	3	0	1	1	2	1
12	2	1	2	2	3	3	2
13	2	4	7	3	4	3	3
14	3	2	3	9	0	4	2
15	0	2	2	2	1	0	1
16	0	0	2	2	0	****	1
17	1	2	2	5	6	3	3
18	2	0	2	2	1	0	1
19	0	3	3	14	3	1	3
20	6	2	6	13	7	4	5
21	2	2	2	6	2	3	2
22	2	2	4	2	3	5	2
23	1	2	3	4	2	****	****
24							
25							
26							
27	****	****	****	****	****	****	****
28	0	2	0	2	2	0	1
29	1	2	1	2	3	2	2
30	2	2	1	4	3	2	****
31							
MEAN	3	3	4	7	5	3	4

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4	****	****	****	****	****	****	****	****	5	5	3	2	****
5	3	6	2	2	1	5	0	2	3	1	3	2	3
6	1	2	0	4	3	4	2	2	1	2	2	0	2
7	1	3	4	4	4	1	3	1	1	0	2	3	2
8	3	0	4	1	2	3	2	0	1	3	0	3	2
9	5	11	8	6	13	11	8	9	7	7	8	4	8
10	6	6	4	0	5	7	4	5	4	9	8	7	5
11	4	12	9	9	9	14	13	3	7	5	8	8	8
12	8	6	5	3	2	1	1	1	5	0	2	2	3
13	3	1	2	0	2	2	5	2	2	2	3	3	2
14	0	2	0	2	1	0	1	1	0	1	2	1	1
15	0	2	0	2	2	0	2	2	0	3	0	0	1
16	1	2	0	4	1	5	2	1	5	3	3	3	3
17	2	1	2	4	5	4	3	5	5	5	14	16	6
18	16	6	15	12	6	6	5	4	3	9	7	5	8
19	8	5	10	4	12	12	10	11	8	9	11	17	10
20	20	10	5	6	5	6	6	2	4	1	2	0	6
21	1	0	2	0	1	0	0	0	2	0	2	2	1
22	5	6	3	3	1	2	4	2	3	2	2	0	3
23	0	0	1	2	3	0	3	2	3	2	3	3	3
24	0	****	****	****	****	****	****	0	2	3	2	0	****
25	1	2	3	2	3	2	3	7	3	3	0	3	2
26	2	6	2	5	10	10	7	7	5	5	7	5	6
27	3	5	3	9	11	11	16	15	10	8	7	3	9
28	9	5	2	2	0	3	3	3	4	7	3	3	6
29	3	4	3	3	2	2	3	6	2	5	7	2	4
30	2	2	3	2	2	2	0	1	1	9	15	13	4
MEAN	4	4	4	4	4	5	4	3	4	4	5	4	4

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - QUEENSWAY HOSPITAL ETOBICOKE

NO 35005

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	1	1	2	2	6	6	3	6	6	6	9	5
2	3	3	1	2	3	1	2	1	0	3	1	4	2
3	****	****	2	3	5	9	4	7	2	5	0	****	4
4	****	****	****	2	1	2	2	4	0	6	3	3	3
5	3	3	2	3	4	4	2	2	8	2	3	0	3
6	4	2	0	0	0	0	0	3	2	2	0	2	1
7	0	3	0	0	0	2	2	0	2	3	9	17	3
8	18	13	12	7	14	14	5	5	5	8	5	9	10
9	15	7	7	3	5	3	3	3	2	3	3	5	5
10	****	****	2	4	2	2	6	7	5	4	3	2	4
11	2	5	3	3	4	5	7	6	2	8	6	3	5
12	3	1	0	0	1	7	3	3	5	0	1	3	3
13	6	3	3	1	1	2	5	6	2	7	4	7	4
14	6	0	2	5	6	13	4	1	1	6	10	6	5
15	7	3	5	5	12	15	18	8	9	12	4	5	9
16	2	3	5	2	2	5	3	7	4	5	2	2	4
17	****	****	4	2	2	2	6	9	4	4	2	6	4
18	0	2	4	5	9	8	5	3	8	5	7	6	5
19	6	3	8	5	9	6	6	4	1	0	0	1	4
20	3	5	1	1	3	1	2	2	3	2	2	2	2
21	2	2	2	4	4	3	1	4	2	6	10	6	4
22	5	3	4	2	5	6	2	2	5	5	5	4	4
23	5	7	8	2	3	8	6	7	5	2	7	6	6
24	6	3	2	3	2	4	1	3	5	2	8	4	4
25	3	1	1	2	5	1	4	2	4	5	8	7	4
26	7	8	5	6	1	7	5	1	2	5	4	0	4
27	2	4	6	9	3	4	2	2	4	5	0	1	4
28	2	5	2	1	4	4	1	7	3	8	15	8	5
29	8	6	3	5	7	8	6	2	2	6	4	3	5
30	****	****	1	2	9	10	2	4	4	10	14	12	7
31	12	4	4	4	4	4	****	****	****	****	****	****	****
MEAN	5	4	3	3	4	5	4	4	4	5	5	5	4

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005
POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	8	4	5	13
AUG	31	2	5	13
SEP	25	2	5	15
OCT	27	4	14	29
NOV	27	4	10	20
DEC	31	4	10	18
YEAR	149	3	14	29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - PARTICULATES - SOILING INDEX UNIT - COHS/1000FEET X 10
STATION - QUEENSWAY HOSPITAL ETOBICOKE NO 35005

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL	59	29	1	0	0	0	0	89
AUG	313	53	2	0	0	0	0	368
SEP	237	37	1	0	0	0	0	275
OCT	234	45	14	5	4	0	0	302
NOV	204	83	17	6	0	0	0	310
DEC	212	126	13	3	0	0	0	354
YEAR	1259	373	48	14	4	0	0	1698

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
76	0	0.4	1.2	1.9	3.4	6.8	8.9	13.4	15.1	29	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	16	10	4	8	6	6	6	4	10	8	4	4	7
2	2	8	14	6	8	1	8	8	20	22	20	8	10
3	10	8	6	8	6	6	16	12	12	16	14	8	10
4	8	8	10	10	14	12	14	8	8	6	4	1	9
5	1	8	2	4	6	8	8	8	10	4	6	8	6
6	6	8	4	6	1	6	8	10	10	8	12	12	8
7	16	14	20	10	4	4	10	6	4	8	10	8	10
8	8	6	4	1	4	4	6	6	6	6	10	4	5
9	2	4	4	6	6	4	8	6	4	2	2	2	4
10	4	8	2	2	2	1	4	8	10	6	1	6	5
11	2	2	1	6	2	4	2	8	12	18	4	1	5
12	2	8	6	6	1	4	8	8	8	6	8	6	3
13	2	4	1	1	0	1	4	2	2	4	10	2	6
14	2	6	14	1	8	8	12	10	6	2	1	6	6
15	4	4	10	14	4	2	8	4	4	6	4	10	6
16	10	16	25	12	16	6	8	10	8	8	6	6	11
17	6	1	2	4	4	4	6	4	2	4	0	2	3
18	1	1	8	2	4	1	6	8	8	6	4	8	5
19	8	10	6	12	6	0	4	2	2	6	1	1	5
20	2	6	10	4	4	0	6	2	2	1	2	2	3
21	0	2	2	6	1	4	8	1	4	4	1	12	4
22	2	6	8	6	1	2	2	6	4	6	6	6	5
23	2	4	6	4	8	4	1	2	4	2	6	1	4
24	6	4	4	4	2	1	1	2	6	6	6	4	4
25	8	12	2	8	10	10	8	8	6	1	6	1	6
26	10	6	4	4	4	1	4	8	8	12	10	1	3
27	0	2	2	4	4	4	8	4	4	1	1	0	4
28	1	0	6	4	6	8	10	8	1	2	2	0	4
29	4	1	4	1	4	4	6	0	1	0	2	1	2
30	0	1	6	2	2	5	4	3	7	6	2	7	4
31	2	3	2	8	5	7	4	3	3	5	2	6	4
MEAN	5	6	7	6	5	4	7	6	6	6	5	5	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	6	2	3	0	2	6	6	6	4	7	8	4
2	5	13	5	8	10	7	6	7	1	2	0	1	5
3	0	2	3	6	2	2	3	8	4	1	1	2	3
4	2	1	5	4	2	1	4	4	3	4	0	4	3
5	2	6	7	5	6	5	3	4	5	9	4	6	5
6	16	14	21	5	2	2	2	6	16	9	7	6	9
7	3	3	5	5	4	9	9	7	7	13	21	17	9
8	14	16	17	16	19	14	9	9	12	19	13	6	14
9	6	6	2	4	5	10	11	10	8	11	6	7	7
10	6	10	7	9	11	10	7	9	5	3	5	3	7
11	2	0	1	0	2	2	2	2	2	2	3	2	2
12	0	1	3	3	2	2	1	2	2	0	3	1	2
13	2	3	2	2	2	6	4	4	1	4	2	2	3
14	6	2	3	5	1	0	5	1	6	4	2	5	4
15	7	9	10	6	3	2	1	5	5	7	2	0	5
16	2	3	2	2	3	0	0	2	0	3	7	1	2
17	2	8	10	10	12	7	9	5	11	11	16	16	10
18	8	10	9	8	6	6	5	3	10	12	11	1	7
19	0	2	2	2	1	1	0	2	2	2	3	2	2
20	1	4	4	2	2	0	1	0	2	4	2	2	2
21	0	2	0	0	2	3	2	6	3	4	3	1	2
22	0	2	6	5	3	4	3	0	1	1	0	1	2
23	0	0	2	9	3	0	0	3	1	3	5	6	3
24	1	4	3	7	2	2	0	4	4	2	5	2	3
25	1	3	0	1	1	0	1	0	1	8	2	1	2
26	1	0	3	2	2	2	1	2	6	2	2	4	3
27	4	4	3	2	2	2	2	4	2	4	4	4	3
28	1	4	4	2	2	6	2	8	8	10	10	10	6
MEAN	3	5	5	5	4	4	4	4	5	6	5	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008 MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	10	18	6	8	10	8	8	14	8	12	10	10
2	8	14	8	10	2	2	2	4	2	6	6	6	6
3	6	6	6	12	6	10	10	2	4	1	6	8	6
4	10	10	16	10	10	4	8	12	10	6	4	1	8
5	2	1	2	1	4	1	4	2	2	4	2	2	2
6	2	2	4	0	2	4	1	2	1	4	4	2	2
7	1	6	6	2	4	1	2	2	2	2	1	0	3
8	2	1	6	2	0	1	4	1	2	1	4	2	1
9	2	6	4	4	4	1	4	4	14	12	2	2	5
10	4	4	2	1	0	0	4	6	2	1	2	2	2
11	6	4	2	4	4	2	4	4	4	6	2	2	4
12	8	8	8	6	6	6	8	6	4	4	2	4	6
13	0	4	0	1	0	6	0	2	1	6	2	4	2
14	4	4	4	2	1	2	2	0	0	2	8	8	3
15	6	1	2	0	0	1	2	2	6	4	2	2	2
16	4	4	4	2	1	4	2	1	6	12	4	4	4
17	4	4	4	4	4	1	0	2	2	8	6	12	4
18	12	16	25	8	4	2	10	12	6	8	8	10	10
19	10	6	14	8	10	6	4	1	6	18	18	18	10
20	8	8	4	4	6	6	2	6	1	8	2	6	5
21	2	1	6	6	6	4	4	2	1	12	8	8	5
22	4	8	4	4	4	6	8	6	12	8	2	2	6
23	4	1	12	6	8	0	1	2	2	2	4	4	4
24	6	1	2	0	0	1	2	2	2	4	6	1	2
25	1	4	2	4	1	0	2	2	2	4	4	6	3
26	2	2	4	6	6	4	6	2	6	4	2	1	4
27	1	4	0	1	0	2	1	1	8	4	6	10	3
28	2	4	4	6	4	1	2	0	4	0	2	8	3
29	4	4	4	1	4	2	1	2	4	1	2	6	3
30	12	6	2	1	1	2	2	2	2	2	6	4	4
31	10	8	6	6	4	4	1	2	8	6	4	4	5
MEAN	5	5	6	4	4	3	3	3	5	5	5	5	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008 MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	10	8	2	2	4	2	6	2	2	10	2	5
2	2	0	6	6	2	7	5	2	0	2	0	2	3
3	2	2	5	5	0	2	2	2	3	5	8	7	4
4	2	2	2	1	0	0	0	3	3	2	5	1	2
5	5	2	3	2	0	4	2	1	2	7	13	7	4
6	11	5	7	3	5	5	7	9	9	6	8	2	6
7	4	0	3	5	3	1	0	3	5	7	2	5	3
8	7	9	5	6	3	5	4	4	3	5	6	7	5
9	2	3	0	2	0	3	2	2	3	0	0	2	2
10	1	2	1	2	0	0	0	4	2	7	2	5	2
11	2	5	2	4	2	0	2	2	3	0	3	4	2
12	8	4	4	2	2	2	3	3	5	2	2	9	4
13	21	9	3	1	2	0	3	5	2	3	3	1	4
14	2	2	6	1	6	5	10	13	21	11	9	3	7
15	3	2	4	4	1	1	0	5	3	3	10	13	4
16	14	15	7	7	5	6	2	2	8	3	13	18	8
17	15	9	7	7	4	5	3	2	3	2	3	2	5
18	2	3	2	2	0	3	2	2	3	2	5	4	3
19	5	3	2	2	5	2	3	5	2	6	3	4	4
20	5	5	3	2	2	2	0	2	4	9	9	7	4
21	6	7	3	2	2	2	1	3	0	2	3	3	3
22	1	1	5	0	3	2	2	3	3	9	7	5	3
23	2	1	8	3	2	2	2	2	2	4	9	2	3
24	3	8	6	7	3	7	3	3	5	2	2	4	4
25	2	4	8	0	2	0	0	4	14	2	3	3	4
26	3	2	5	2	2	5	2	1	6	2	9	9	4
27	12	13	11	5	3	3	7	4	6	4	8	15	8
28	10	9	9	6	10	7	3	9	4	4	3	4	7
29	13	7	5	3	3	6	2	5	7	4	4	5	5
30	4	8	7	2	1	0	0	0	5	2	****	****	3
MEAN	6	5	5	3	3	3	2	4	5	4	6	5	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18	****	****	****	0	2	5	3	0	2	0	0	5	2
19	2	0	1	0	0	0	0	2	1	0	2	0	1
20	2	0	0	2	2	3	2	0	0	0	5	2	2
21	7	2	3	3	2	2	1	3	0	2	6	4	3
22	5	2	0	7	2	3	6	3	2	5	3	3	3
23	6	4	5	3	3	5	5	2	3	5	4	2	4
24	0	2	0	8	6	4	7	3	3	2	1	0	4
25	0	2	0	0	3	1	0	0	4	4	4	4	4
26	5	7	5	5	2	2	7	3	4	7	3	1	4
27	0	0	0	2	0	0	3	0	3	2	3	2	1
28	0	2	2	3	3	0	4	2	2	3	3	0	2
29	4	3	4	3	4	3	2	3	3	0	3	0	3
30	2	3	4	2	4	2	2	3	0	4	2	4	3
MEAN	3	2	2	3	3	2	3	2	2	3	3	2	3

PERCENTAGE OF DATA VALID - 42

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	4	2	5	3	5	5	2	7	5	4	2	4
2	2	2	3	3	3	1	1	2	2	5	5	3	3
3	7	2	9	6	4	7	5	7	7	7	7	4	5
4	3	2	5	3	2	0	2	0	2	0	1	1	2
5	0	2	2	0	2	0	2	1	0	2	0	0	1
6	4	5	5	3	4	5	3	2	2	2	4	3	4
7	2	0	7	2	8	4	0	2	3	3	4	2	3
8	5	3	6	4	5	5	2	4	4	2	7	8	5
9	7	8	7	6	5	7	2	3	4	5	3	5	5
10	7	5	2	5	2	7	3	0	4	3	6	12	5
11	7	3	3	2	3	0	0	2	2	3	5	5	3
12	7	3	0	6	2	2	3	3	4	5	3	3	3
13	7	3	9	2	2	3	2	2	2	0	2	5	3
14	5	5	2	5	5	3	5	5	3	5	2	5	4
15	5	0	1	0	5	2	6	3	2	5	2	0	3
16	3	1	2	0	0	2	1	2	3	3	2	0	2
17	3	2	4	3	2	3	3	2	0	2	2	2	2
18	3	0	2	2	1	3	2	2	2	0	3	0	2
19	2	2	2	0	1	1	0	1	3	0	2	1	2
20	2	3	2	4	2	1	2	2	3	0	2	1	2
21	1	0	5	0	2	2	1	0	2	0	2	4	2
22	3	3	2	6	3	1	7	2	2	0	3	7	3
23	6	6	10	9	11	2	4	3	2	5	5	2	5
24	2	2	2	3	5	6	9	2	3	5	21	7	6
25	7	7	5	4	2	4	3	3	2	7	3	10	5
26	5	2	4	3	4	3	1	3	3	5	2	6	3
27	3	3	5	5	5	3	3	3	3	3	2	2	3
28	3	0	6	7	4	2	3	3	3	2	3	2	3
29	3	2	2	7	2	2	6	2	4	2	2	7	4
30	3	2	3	5	3	3	1	2	3	2	2	3	3
31	6	5	5	2	4	2	4	0	3	3	4	2	3
MEAN	4	3	4	4	3	3	3	2	3	3	4	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008 MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	6	2	3	1	2	2	0	0	2	2	4	2
2	3	3	3	0	0	0	2	0	2	2	3	0	2
3	0	0	1	2	0	2	0	2	0	3	2	0	1
4	1	2	2	1	1	0	0	0	2	2	1	5	1
5	3	2	3	2	4	5	2	0	2	0	4	8	3
6	5	5	8	5	3	7	3	2	7	3	2	7	5
7	9	3	2	12	5	3	2	4	5	1	11	9	6
8	8	0	3	3	12	0	2	3	2	0	5	3	3
9	3	3	3	7	0	0	2	2	5	3	3	2	3
10	2	0	3	13	1	2	0	2	2	0	4	13	4
11	7	7	7	9	9	5	0	3	0	5	2	3	5
12	0	2	3	3	0	4	0	0	5	2	8	7	3
13	4	6	0	7	5	4	3	3	7	3	4	3	4
14	6	3	7	7	5	5	2	7	5	6	11	11	6
15	3	7	8	5	9	4	5	2	2	7	2	7	5
16	4	3	7	7	5	3	2	0	0	2	2	2	3
17	2	0	4	2	3	2	0	2	0	0	2	0	1
18	2	3	5	7	0	2	2	0	1	0	2	0	2
19	7	3	0	5	2	1	2	1	0	2	0	2	2
20	3	0	2	3	2	3	2	2	2	2	0	2	2
21	2	3	2	2	2	0	0	2	0	2	2	5	2
22	0	5	2	5	3	0	2	0	2	5	5	2	3
23	0	1	2	2	3	0	2	3	2	2	0	2	2
24	0	1	7	5	3	0	5	0	0	0	0	7	3
25	3	2	5	4	13	3	1	0	4	0	3	0	2
26	5	3	3	3	2	2	2	0	0	0	2	0	3
27	3	2	2	5	0	1	0	1	1	0	4	6	3
28	3	1	0	7	4	2	5	2	5	0	2	5	3
29	3	0	1	3	0	2	0	2	0	3	0	3	1
30	0	2	2	3	0	0	3	0	0	3	0	2	1
31	8	0	2	7	0	0	2	1	3	2	3	0	2
MEAN	3	3	3	5	3	2	2	1	2	2	3	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	3	1	2	2	0	2	2	2	0	3	2
2	4	0	7	5	5	4	7	2	0	3	0	0	3
3	4	2	5	4	4	0	0	2	2	8	2	2	3
4	2	2	3	2	3	0	0	1	2	2	2	0	2
5	2	0	3	0	0	3	3	0	0	2	3	2	2
6	3	0	0	2	3	2	0	3	0	2	3	5	2
7	5	2	2	2	0	2	0	2	2	5	1	0	2
8	2	5	4	3	5	2	3	3	0	3	11	7	4
9	8	5	2	8	2	2	3	2	3	3	1	2	3
10	1	4	3	9	2	2	2	3	2	2	2	3	3
11	2	2	4	5	0	0	2	0	3	3	6	6	3
12	2	0	6	8	1	2	4	2	5	1	2	0	3
13	4	4	2	0	0	0	3	0	2	5	1	3	2
14	1	2	0	3	3	2	4	2	5	1	0	2	2
15	0	0	2	2	7	2	0	0	0	1	0	2	2
16	0	0	3	1	2	0	2	0	3	2	1	4	2
17	0	3	5	12	6	4	0	0	3	3	2	3	3
18	7	1	3	4	7	2	3	5	5	2	0	0	3
19	7	0	2	3	0	0	2	2	2	2	0	2	2
20	3	3	5	9	3	3	4	2	2	3	2	7	4
21	11	2	8	9	3	2	2	5	3	2	3	0	4
22	4	2	0	8	5	2	2	3	0	2	2	3	3
23	2	1	0	0	2	3	3	3	5	3	3	2	2
24	3	3	2	7	3	0	3	3	1	3	3	2	2
25	0	3	3	8	2	2	4	5	1	0	0	0	3
26	2	2	0	2	2	3	0	0	0	2	2	2	1
27	2	3	2	0	3	1	1	5	2	5	0	0	2
28	2	0	3	5	0	2	0	1	3	0	2	3	2
29	2	0	3	8	2	4	3	0	2	2	2	2	3
30	0	4	1	8	2	4	3	0	2	3	2	2	3
MEAN	3	2	3	4	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	0	2	5	2	0	0	2	0	0	2	1	2
2	4	3	5	11	0	3	3	5	0	4	2	3	4
3	0	1	1	0	3	1	3	0	2	2	0	0	1
4	5	2	2	2	0	0	0	2	0	2	5	7	2
5	3	2	8	11	8	2	2	2	2	0	2	2	4
6	3	2	2	7	3	2	5	2	4	2	5	7	4
7	13	11	13	15	5	3	2	3	11	6	11	13	9
8	17	11	16	21	23	6	7	6	4	2	6	2	10
9	9	3	5	2	2	2	3	0	3	2	0	2	3
10	0	0	3	2	3	1	2	3	0	5	7	2	2
11	0	0	0	2	5	0	2	0	3	0	2	2	1
12	2	2	2	2	2	2	0	0	3	2	2	3	2
13	2	2	7	2	3	2	7	2	0	3	3	1	3
14	2	0	3	3	2	2	6	3	3	1	3	1	2
15	2	2	3	2	2	2	0	0	2	3	2	0	2
16	0	1	2	2	1	0	2	1	0	0	3	2	1
17	2	3	2	7	3	4	0	0	0	4	2	3	3
18	0	2	2	0	5	2	0	3	0	2	0	0	1
19	3	0	6	4	7	1	0	2	0	0	2	2	2
20	2	5	5	15	3	3	0	5	0	4	2	2	4
21	0	2	0	2	3	2	0	2	0	0	2	2	1
22	1	2	3	0	0	0	2	1	0	5	0	4	2
23	2	2	3	2	2	3	5	3	1	2	7	3	3
24	3	2	0	4	1	****	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	3	4	5	4	2	2	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	****	****	5	6	3	15	23	21	****
18	4	5	7	7	2	4	3	4	5	2	4	6	4
19	4	6	8	8	12	10	9	11	2	11	13	16	9
20	5	7	2	3	7	7	3	0	2	1	3	2	4
21	1	1	2	4	2	5	4	2	5	6	1	8	3
22	0	7	3	3	1	5	4	3	5	1	0	5	3
23	1	0	0	6	0	1	2	3	2	2	2	2	2
24	7	10	3	9	9	3	3	3	4	3	3	3	5
25	1	2	4	5	3	4	3	3	0	8	4	4	3
26	2	5	6	6	5	9	4	8	4	4	4	3	5
27	4	4	6	5	4	7	6	6	10	11	8	7	7
28	4	3	5	4	6	6	2	2	2	6	9	2	4
29	4	2	3	2	2	2	2	6	5	6	4	2	3
30	4	4	2	5	6	0	0	2	6	12	11	2	5
MEAN	3	4	4	5	5	5	4	4	4	6	6	6	5

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	0	2	1	2	1	1	6	3	5	2	2
2	1	4	0	3	2	2	0	3	2	2	2	2	2
3	2	5	4	2	6	9	2	2	4	5	0	0	3
4	3	3	1	3	1	2	0	3	4	5	2	7	3
5	6	2	4	2	4	5	3	3	3	4	2	2	3
6	2	0	0	0	2	5	1	4	2	4	4	4	2
7	0	2	2	1	8	1	2	3	7	9	12	17	5
8	17	12	11	19	9	7	4	6	7	9	6	7	10
9	6	4	2	7	3	5	***	6	6	6	9	5	5
10	5	4	3	5	4	9	6	7	4	6	4	3	5
11	4	4	4	8	5	5	5	2	4	2	4	3	4
12	5	5	3	5	4	2	3	7	6	7	3	0	4
13	2	7	3	5	5	6	4	5	5	5	8	4	5
14	2	6	9	7	2	2	2	3	10	2	3	8	5
15	7	5	5	18	7	4	4	3	2	6	0	2	5
16	7	0	4	3	2	0	3	4	0	5	1	1	3
17	2	2	2	3	8	7	3	5	7	6	2	4	4
18	2	6	6	2	5	4	3	4	2	2	2	8	4
19	6	7	5	8	7	4	3	2	3	2	5	4	5
20	0	2	0	2	2	2	0	2	2	0	6	3	2
21	2	2	6	4	3	2	4	4	2	7	3	3	4
22	1	2	3	5	4	6	3	5	9	4	3	5	4
23	2	4	2	8	6	5	8	7	2	5	13	2	5
24	0	0	3	2	1	4	6	3	2	5	0	5	3
25	5	3	4	6	7	3	5	4	10	10	5	9	6
26	10	3	7	9	2	0	1	8	4	3	3	3	4
27	14	9	8	7	3	0	3	4	3	0	3	0	5
28	3	2	9	8	2	2	2	10	16	15	9	2	7
29	6	5	12	12	5	4	3	7	17	11	3	5	8
30	2	6	7	8	2	2	3	4	9	12	19	11	7
31	7	4	3	7	8	5	8	2	4	8	6	5	6
MEAN	4	4	4	6	4	4	3	4	5	5	5	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	11	25
FEB	28	4	14	21
MAR	31	4	10	25
APR	30	4	8	21
MAY	DATA MISSING			
JUN	13	3	4	8
JUL	31	3	6	21
AUG	31	3	6	13
SEP	30	2	4	12
OCT	24	3	10	23
NOV	14	5	9	23
DEC	31	4	10	19
YEAR	294	4	14	25

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 22 THIRTY SIXTH ST LONG BRANCH NO 35008

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	181	160	19	10	2	0	0	372
FEB	209	100	15	10	2	0	0	336
MAR	243	106	16	6	1	0	0	372
APR	229	111	15	1	2	0	0	358
MAY	DATA MISSING							
JUN	127	26	0	0	0	0	0	153
JUL	274	95	2	0	1	0	0	372
AUG	289	75	8	0	0	0	0	372
SEP	308	49	3	0	0	0	0	360
OCT	230	36	11	2	2	0	0	281
NOV	95	56	8	1	2	0	0	162
DEC	220	133	11	7	0	0	0	371
YEAR	2405	947	108	37	12	0	0	3509

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
87	0	0.5	1.4	2.4	4.2	7.6	9.7	13.2	15.8	25	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH FEB 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	2	2	4	10	8	4	12	****
17	14	16	16	10	10	12	10	18	20	27	16	12	15
18	12	12	14	4	6	6	12	14	8	6	4	6	9
19	1	2	4	2	4	6	4	1	6	6	4	6	4
20	8	2	12	4	0	2	4	6	4	1	2	6	4
21	4	4	6	8	6	4	2	6	4	2	4	4	5
22	6	6	6	2	2	2	1	0	0	2	1	1	2
23	0	8	4	0	1	1	4	2	6	1	2	2	3
24	6	12	8	4	6	****	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
MEAN	6	8	9	4	4	4	5	6	7	7	5	6	6

PERCENTAGE OF DATA VALID - 28

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUN 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	0	5	3	7	7	5	0	5	4
16	2	6	2	4	11	11	2	4	5	0	3	2	4
17	5	2	5	7	7	9	2	9	7	3	3	6	6
18	6	2	0	5	6	3	2	5	3	1	1	2	3
19	0	3	2	3	0	5	2	2	0	1	3	1	2
20	2	3	2	5	0	5	1	3	2	5	4	5	3
21	7	4	4	5	2	0	3	0	5	4	4	6	4
22	5	1	7	15	3	4	3	7	2	5	5	5	5
23	7	5	8	11	7	8	4	5	4	7	6	6	6
24	5	5	10	12	6	11	3	2	3	4	1	5	5
25	4	1	5	2	2	2	3	1	4	6	1	7	3
26	8	5	3	4	8	5	2	4	5	1	0	4	4
27	2	1	0	1	3	0	2	0	1	0	3	1	1
28	2	2	2	0	3	4	2	4	0	2	5	3	4
29	5	2	9	5	7	2	5	7	0	3	5	5	4
30	4	5	6	3	3	2	5	2	2	2	3	3	3
MEAN	4	3	4	5	4	5	3	4	3	3	3	4	4

PERCENTAGE OF DATA VALID - 52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	0	2	9	0	3	2	5	5	2	0	1	3
2	2	2	3	6	7	7	5	5	3	5	7	1	4
3	0	9	11	15	8	4	8	5	4	5	5	6	7
4	1	8	3	3	3	0	2	2	1	1	0	5	2
5	2	3	0	2	2	6	0	3	2	0	8	2	3
6	3	1	5	13	9	3	3	2	2	4	5	3	4
7	7	4	5	6	7	6	8	2	5	5	5	9	6
8	5	6	9	11	6	7	6	1	4	8	5	14	7
9	11	11	7	14	5	5	9	5	5	5	7	10	8
10	6	10	2	7	4	5	11	10	5	2	4	9	6
11	5	3	5	2	5	2	2	4	1	2	2	6	3
12	2	2	5	3	3	0	3	2	3	4	5	3	3
13	2	7	5	3	2	0	6	2	0	3	3	5	5
14	3	5	4	2	9	3	5	6	10	3	2	8	3
15	2	3	2	4	6	6	7	3	6	3	3	3	4
16	2	0	4	3	3	0	7	5	6	2	3	3	3
17	4	2	3	9	3	1	4	4	5	2	7	0	4
18	5	3	3	4	1	2	2	0	0	0	0	0	2
19	2	2	2	2	3	0	2	0	3	2	5	0	2
20	2	1	5	2	6	3	2	2	0	3	2	5	3
21	0	2	5	2	0	2	2	3	2	1	3	9	3
22	5	7	11	5	9	4	4	1	2	4	3	9	5
23	5	5	7	8	5	2	2	2	5	2	1	0	4
24	5	2	7	3	8	2	2	4	2	3	3	11	4
25	7	7	4	2	5	2	2	2	2	6	3	8	4
26	2	6	7	5	2	4	2	2	3	2	3	5	4
27	2	3	9	5	5	7	6	3	6	3	2	2	4
28	7	3	5	0	7	7	3	2	3	4	3	8	5
29	3	5	3	7	5	2	7	6	5	3	8	5	5
30	8	2	11	1	5	7	2	6	5	3	3	5	5
31	6	10	6	11	3	5	6	5	4	9	3	5	6
MEAN	4	4	5	6	5	3	4	3	3	3	4	5	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	7	6	5	3	3	5	0	2	3	3	4	4
2	1	0	0	3	0	3	2	1	5	0	5	0	2
3	4	0	2	3	0	0	7	0	0	4	4	3	2
4	4	1	3	4	7	0	5	2	3	5	5	6	4
5	3	9	9	9	2	3	4	7	2	2	3	7	4
6	10	13	13	12	11	9	2	2	0	7	15	8	5
7	9	4	7	12	5	0	3	3	0	3	11	5	5
8	9	7	6	6	5	1	1	2	0	5	5	6	4
9	4	3	3	4	4	5	1	0	7	5	0	3	3
10	3	****	****	****	4	4	4	4	2	2	8	9	4
11	9	4	8	10	9	5	0	1	2	1	2	6	5
12	1	3	7	7	5	8	2	4	2	2	5	14	5
13	12	5	5	8	5	8	4	4	6	6	6	13	7
14	12	6	11	19	11	5	4	4	2	9	9	8	8
15	9	7	14	10	11	7	7	5	7	6	6	8	8
16	12	3	4	8	2	2	2	0	2	0	3	****	3
17	****	****	5	3	2	2	1	4	4	2	2	4	3
18	3	3	2	9	5	0	2	1	1	5	3	0	3
19	2	5	7	6	6	3	5	3	3	5	5	2	4
20	0	5	9	9	7	6	5	4	3	3	2	2	5
21	2	2	6	2	2	2	2	0	2	1	3	7	3
22	4	6	2	4	8	2	1	5	2	2	2	1	3
23	2	2	4	2	3	2	2	2	0	2	2	1	2
24	0	2	1	3	2	2	2	3	2	8	3	6	3
25	4	4	5	8	5	3	5	4	4	3	3	3	4
26	0	7	5	13	5	6	2	4	3	3	2	7	5
27	6	5	5	7	3	2	2	2	0	1	4	4	3
28	2	3	4	4	4	6	6	3	5	0	3	2	4
29	1	2	2	3	1	1	2	2	2	5	2	5	2
30	3	3	1	6	2	3	3	6	1	2	2	4	3
31	2	0	2	5	2	0	1	2	2	1	3	4	2
MEAN	5	4	5	7	4	3	3	3	3	3	4	5	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	3	11	6	4	2	4	2	4	5	9	5
2	4	3	7	14	11	3	3	5	4	4	1	7	6
3	6	4	6	5	10	4	6	7	9	4	7	5	6
4	5	7	2	4	2	1	0	5	4	2	2	6	4
5	2	2	2	2	3	3	0	2	0	2	5	2	2
6	1	3	2	2	3	3	3	2	3	3	9	6	3
7	8	6	5	3	2	1	0	0	0	1	2	2	3
8	0	7	5	2	3	5	5	14	9	11	12	10	7
9	11	9	4	7	9	5	3	2	9	8	5	5	6
10	2	3	6	8	4	2	2	0	3	2	3	3	3
11	4	2	3	7	5	3	4	1	4	6	3	5	4
12	7	5	7	9	4	1	5	5	3	2	1	3	4
13	2	3	2	4	1	2	2	1	2	4	6	4	3
14	2	4	4	3	5	2	1	2	4	2	3	5	3
15	3	0	3	8	6	5	2	2	0	0	0	7	3
16	1	5	7	6	4	3	2	7	2	2	5	5	3
17	2	3	7	11	5	5	5	7	2	2	2	5	4
18	3	3	7	10	11	5	10	9	2	5	2	2	6
19	2	3	4	6	4	0	1	2	2	3	2	3	3
20	6	7	7	11	4	6	4	3	4	4	3	10	6
21	13	17	17	14	6	3	8	3	2	5	1	4	8
22	3	3	2	10	9	5	2	2	4	6	2	4	4
23	2	3	3	5	4	6	3	2	2	5	7	4	4
24	9	3	2	2	2	2	3	6	6	5	4	2	4
25	2	1	4	10	4	2	2	2	3	4	5	2	3
26	3	3	4	9	5	4	4	2	4	0	2	1	3
27	2	2	2	0	2	2	0	2	2	2	2	2	2
28	1	0	2	5	6	10	4	3	2	1	7	4	4
29	2	2	0	0	7	5	2	3	2	3	0	0	3
30	4	4	0	8	7	***	1	1	0	2	0	0	2
MEAN	4	4	4	7	5	3	3	3	3	3	4	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	6	8	4	2	5	2	4	4	4	2	4
2	8	5	8	13	6	4	9	6	5	5	1	5	6
3	4	7	2	5	7	2	2	2	0	2	0	3	3
4	2	3	0	1	2	2	3	0	2	6	9	5	3
5	8	10	14	25	20	6	2	7	7	6	7	5	10
6	6	9	16	14	7	4	2	7	8	14	19	22	11
7	22	18	20	18	18	13	11	16	12	12	16	22	17
8	32	29	28	36	38	14	13	20	14	8	12	12	21
9	12	10	4	10	5	5	8	13	12	12	9	2	9
10	2	3	2	3	6	2	7	3	2	8	9	5	4
11	2	6	4	6	5	1	1	5	2	0	0	3	3
12	0	4	2	2	10	9	8	4	4	5	5	3	5
13	8	10	12	12	6	8	3	8	5	6	9	12	8
14	5	11	3	10	9	14	6	7	6	2	1	2	6
15	2	1	3	7	5	2	2	4	1	4	4	2	3
16	2	1	5	9	7	2	6	3	1	6	0	8	4
17	7	4	7	16	14	6	2	3	7	9	10	4	7
18	5	2	2	5	3	2	2	2	1	3	2	6	3
19	6	9	11	21	13	2	1	2	2	3	0	2	6
20	12	14	13	24	15	7	8	2	11	7	6	8	11
21	5	2	4	6	6	4	2	9	3	6	3	1	4
22	2	4	10	10	2	4	4	5	5	9	8	7	6
23	4	2	12	6	6	4	5	7	14	10	10	7	7
24	7	6	8	7	5	6	8	0	5	12	12	10	7
25	7	6	4	3	3	4	2	5	3	5	10	0	4
26	4	8	2	7	8	5	4	4	6	8	4	4	5
27	2	2	6	7	3	2	1	5	1	2	3	4	3
28	2	4	0	2	1	4	1	3	2	4	2	1	2
29	2	1	0	5	6	7	2	4	2	3	2	8	4
30	4	3	6	3	5	2	2	2	2	3	0	4	3
31	2	2	3	3	2	1	2	2	0	4	3	2	2
MEAN	6	6	7	10	8	5	4	5	5	6	6	6	6

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	6	2	4	3	5	2	6	5	5	8	4
2	6	2	6	7	9	3	2	6	5	4	2	3	5
3	4	3	2	4	4	3	2	4	5	4	2	5	4
4	4	6	2	4	8	6	7	2	3	1	3	2	4
5	3	5	7	10	4	2	2	3	2	0	6	3	4
6	2	2	1	2	6	2	2	1	1	2	2	3	2
7	4	2	8	6	2	2	4	4	3	2	3	1	3
8	7	6	4	4	3	3	1	0	3	1	0	5	3
9	14	8	13	6	4	8	4	6	8	6	4	2	7
10	3	3	2	3	6	3	2	4	6	4	6	2	4
11	8	10	11	8	13	13	5	4	4	9	9	7	8
12	8	4	2	2	4	5	3	4	2	3	4	0	3
13	2	0	2	2	4	2	4	2	4	1	1	2	2
14	2	0	0	3	1	4	1	2	2	3	3	4	2
15	4	0	2	1	0	3	0	0	0	1	0	0	1
16	1	0	6	5	****	5	5	3	7	7	3	3	4
17	2	6	4	10	10	7	7	5	11	15	18	19	10
18	8	6	7	5	7	6	5	5	9	5	6	5	6
19	9	9	13	14	12	12	10	12	11	15	14	14	12
20	11	7	4	7	5	6	6	3	0	2	3	1	5
21	1	2	2	2	0	2	2	2	3	6	4	5	3
22	2	3	7	3	3	5	6	6	3	2	2	1	4
23	2	1	2	3	3	2	4	4	6	2	4	3	3
24	6	7	4	9	9	3	7	6	3	3	3	4	6
25	4	3	5	7	4	5	5	6	6	5	4	6	5
26	4	7	9	7	11	9	7	8	10	7	8	7	8
27	8	7	9	11	15	14	15	10	10	9	7	5	10
28	4	7	5	3	4	3	2	3	5	3	7	3	4
29	6	4	4	3	4	1	4	5	8	10	4	5	5
30	2	2	2	5	5	3	4	4	8	13	13	4	5
MEAN	5	4	5	5	6	5	4	4	5	5	5	4	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	3	2	4	3	4	5	7	9	7	4	5
2	4	3	2	6	3	2	5	3	6	7	4	5	4
3	5	8	7	7	15	8	7	2	9	5	2	4	7
4	3	5	3	5	2	5	3	3	2	4	5	9	4
5	5	5	4	7	12	3	3	3	4	3	3	4	5
6	2	2	0	0	0	3	3	0	4	3	0	3	2
7	2	2	3	7	7	5	3	6	8	9	17	19	7
8	14	3	12	17	14	7	10	7	16	9	4	10	10
9	7	6	5	4	9	7	5	9	5	8	5	3	6
10	5	2	4	4	6	5	5	8	8	7	5	4	5
11	7	3	5	5	7	6	4	5	8	4	2	5	5
12	3	4	2	4	3	7	5	5	5	7	5	4	5
13	3	3	3	7	3	5	2	8	5	11	5	5	5
14	3	4	9	13	15	4	2	8	5	11	3	9	7
15	8	5	8	13	18	15	9	8	13	9	3	3	9
16	5	3	5	7	2	4	5	4	3	3	3	2	4
17	0	2	3	2	10	9	7	6	7	8	7	3	5
18	2	3	5	8	9	5	2	4	3	2	2	5	3
19	3	7	3	6	6	5	5	2	1	0	0	1	3
20	4	0	2	3	3	3	2	2	0	2	2	3	2
21	2	1	2	5	8	2	7	6	3	5	11	5	5
22	1	3	1	5	5	8	3	8	5	4	5	2	4
23	9	4	5	4	8	7	7	5	7	3	6	3	6
24	3	3	1	3	5	2	3	5	0	9	2	5	3
25	3	4	5	4	9	5	6	2	3	11	12	13	6
26	11	6	4	6	8	4	2	0	2	2	2	2	4
27	7	9	9	8	2	4	5	5	9	2	****	****	6
28	****	8	9	4	4	6	4	7	14	10	12	12	8
29	11	5	8	16	18	11	8	5	9	8	11	10	10
30	4	4	1	11	11	8	7	2	12	13	15	10	8
31	10	6	5	6	6	11	10	6	4	12	6	5	7
MEAN	5	4	4	6	7	6	5	5	6	6	6	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	9	6	15	27
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	16	4	6	15
JUL	31	4	8	15
AUG	31	4	8	19
SEP	30	4	8	17
OCT	31	6	21	38
NOV	30	5	12	19
DEC	31	6	10	19
YEAR	209	5	21	38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB	50	29	11	5	1	0	0	96
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	113	69	6	0	0	0	0	188
JUL	210	149	13	0	0	0	0	372
AUG	233	116	16	1	0	0	0	366
SEP	238	107	12	2	0	0	0	359
OCT	178	139	33	11	8	3	0	372
NOV	203	130	24	2	0	0	0	359
DEC	165	167	30	7	0	0	0	369
YEAR	1390	906	145	28	9	3	0	2481

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.9	1.9	3.5	5.2	8.9	11.4	14.2	17.3	38	5

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	****	****	****	****	****	****	2	6	4	6	1	0	****
12	4	1	0	4	6	2	4	1	0	2	2	2	2
13	2	10	2	6	0	0	0	2	8	10	8	6	5
14	0	4	4	2	4	2	8	10	2	12	6	0	5
15	0	4	4	2	4	4	4	4	2	0	0	2	3
16	4	6	4	4	4	2	10	2	1	2	4	16	5
17	8	6	6	6	12	12	10	22	12	25	25	16	14
18	14	14	16	8	10	10	14	14	2	0	0	1	9
19	2	2	1	4	4	2	4	4	4	6	4	8	4
20	2	6	6	2	2	2	4	2	6	2	4	0	3
21	1	4	2	6	10	4	4	4	1	2	0	4	4
22	6	8	2	2	2	2	1	1	2	0	2	2	3
23	6	6	0	1	0	1	0	2	6	6	4	1	3
24	8	2	6	8	8	****	4	10	6	8	1	1	6
25	4	1	4	4	8	6	6	6	2	1	4	4	4
26	4	4	8	2	4	1	4	2	4	8	4	6	4
27	4	1	6	6	4	2	1	4	4	1	8	1	3
28	2	1	6	4	0	4	4	1	6	4	4	6	4
MEAN	4	5	4	4	5	4	5	5	5	5	5	4	5

PERCENTAGE OF DATA VALID - 62

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	8	4	2	8	6	2	2	2	12	8	4	6
2	4	1	4	6	1	6	4	6	6	12	8	2	5
3	8	8	6	4	6	12	6	6	4	12	4	12	7
4	8	8	10	8	12	6	4	8	4	6	6	4	7
5	0	4	6	1	6	6	2	6	9	4	2	0	4
6	2	2	2	2	2	4	6	1	2	0	4	8	3
7	0	1	8	4	4	1	2	1	1	2	4	8	3
8	1	4	1	1	1	2	2	2	2	4	2	0	2
9	2	2	4	1	2	6	8	4	4	4	2	1	3
10	6	2	8	4	4	2	4	4	0	2	2	4	4
11	1	4	4	6	2	1	0	4	4	8	10	4	4
12	6	4	6	4	2	6	2	4	2	2	0	2	3
13	2	2	2	6	0	1	2	4	4	2	4	6	3
14	2	1	2	0	0	1	2	4	6	1	1	4	2
15	1	4	0	2	1	4	2	0	0	1	2	1	2
16	4	4	6	6	8	1	4	2	4	4	6	4	5
17	2	6	10	8	6	1	1	1	8	6	8	6	5
18	8	12	4	10	2	4	4	4	6	10	8	4	6
19	6	6	6	4	12	0	4	4	10	12	10	18	8
20	8	8	6	4	4	4	4	2	4	8	6	4	5
21	4	0	2	6	6	6	4	2	2	4	1	0	3
22	1	6	10	4	4	6	2	4	4	2	6	2	4
23	4	6	4	4	8	4	0	1	4	4	4	2	4
24	4	1	2	2	8	4	6	2	4	4	4	6	4
25	4	6	2	10	4	2	2	1	0	0	2	6	3
26	6	1	4	6	2	2	4	2	0	2	4	2	3
27	1	1	0	****	****	****	****	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	4	5	4	4	4	3	3	4	5	5	4	4

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - ISLINGTON/401 ETOBICOKE NO 35036
 UNITS - COHS/1000FEET X 10
 MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10	****	****	****	****	****	8	1	3	0	1	0	3	****
11	2	2	2	2	1	0	0	2	2	0	3	2	2
12	0	1	0	2	2	2	0	1	0	2	2	3	1
13	2	0	7	6	0	1	1	0	0	3	4	0	2
14	0	2	1	0	2	2	3	4	4	6	5	1	3
15	3	1	3	2	****	1	3	2	3	2	7	2	3
16	2	7	5	8	10	14	3	3	4	7	4	8	6
17	13	16	14	14	11	11	8	5	6	2	3	2	9
18	0	3	2	2	1	0	0	2	0	0	1	3	1
19	3	2	0	2	5	0	0	3	3	6	3	0	2
20	2	0	2	3	2	7	4	2	3	1	6	10	4
21	8	15	7	4	7	8	4	3	3	2	3	2	6
22	3	1	1	2	4	6	3	2	2	4	4	8	4
23	8	8	4	4	5	6	5	3	0	4	2	3	4
24	4	5	4	5	9	5	4	7	7	2	2	3	5
25	5	2	2	2	3	0	1	2	2	4	1	6	3
26	8	4	5	5	4	6	3	2	3	1	2	7	4
27	10	10	5	7	8	11	8	2	3	2	8	10	7
28	14	17	15	11	21	14	8	6	4	5	8	10	11
29	8	4	4	8	10	6	3	3	5	4	5	6	6
30	3	4	6	4	11	8	9	10	7	10	9	12	8
MEAN	5	5	4	5	6	6	3	3	3	3	4	5	4

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX
 STATION - ISLINGTON/401 ETOBICOKE NO 35036
 UNITS - COHS/1000FEET X 10
 MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	5	6	4	8	10	3	2	2	4	8	6	6
2	1	2	0	2	2	3	2	0	0	4	3	1	2
3	0	1	2	1	3	3	2	1	1	4	3	2	2
4	3	3	3	4	4	6	3	1	4	5	1	0	3
5	2	2	2	5	5	6	6	2	2	0	2	2	3
6	0	4	1	4	4	5	4	11	5	4	0	6	4
7	2	1	3	2	4	3	2	2	1	1	4	5	3
8	3	5	9	11	18	8	9	15	15	13	14	10	11
9	11	15	16	13	7	2	0	4	2	2	4	2	7
10	4	5	4	4	8	6	3	2	2	4	5	9	5
11	3	4	3	7	6	3	4	2	3	2	1	1	3
12	1	3	3	3	4	6	1	4	2	5	2	3	3
13	2	5	2	8	9	6	5	6	4	3	1	6	5
14	2	2	2	4	2	1	1	1	1	2	4	5	2
15	3	2	1	1	3	4	2	4	4	2	3	2	3
16	8	7	6	6	7	4	4	2	2	3	3	2	5
17	0	1	1	4	2	5	4	0	0	2	1	1	2
18	3	3	2	1	0	2	0	0	0	0	2	1	1
19	3	2	0	3	9	10	4	4	5	2	3	3	3
20	0	0	2	0	2	3	0	2	1	2	4	4	2
21	4	8	9	6	9	4	2	1	2	5	5	9	5
22	10	10	7	9	6	4	4	6	4	2	2	0	5
23	4	0	0	2	0	2	1	2	0	2	0	7	2
24	2	0	2	2	0	2	2	2	2	4	3	5	2
25	2	2	1	1	9	11	4	5	4	2	4	8	5
26	4	4	3	4	3	4	3	3	2	1	2	2	3
27	5	5	2	2	2	3	3	3	0	1	2	3	2
28	5	1	2	3	1	4	1	2	5	3	3	3	3
29	3	3	2	6	5	0	1	3	2	2	2	3	3
30	5	2	6	5	3	2	2	3	3	0	1	6	3
31	4	4	5	4	4	4	3	0	1	2	6	2	3
MEAN	3	4	3	4	5	4	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 3503E

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	4	6	2	5	5	5	0	0	2	0	6	3
2	2	8	2	7	7	3	5	2	4	2	3	2	4
3	0	0	2	0	3	0	2	0	1	2	1	2	1
4	0	2	0	2	3	1	2	0	3	0	5	7	2
5	3	3	5	12	8	2	3	2	2	3	3	2	4
6	0	3	0	2	2	1	0	0	2	4	2	3	2
7	1	3	0	1	2	4	5	1	3	3	0	7	3
8	5	9	7	5	9	6	6	6	7	2	6	8	6
9	3	6	2	10	5	3	5	3	4	5	4	8	5
10	4	5	5	8	7	12	4	2	3	3	5	3	5
11	4	7	10	11	7	5	8	6	3	2	6	7	6
12	4	3	4	3	4	2	3	0	6	2	2	0	3
13	4	1	1	3	4	3	0	0	0	3	2	2	2
14	4	4	3	2	2	0	0	0	1	2	2	4	2
15	4	4	4	1	5	4	7	7	3	7	3	2	4
16	8	6	3	5	2	9	10	6	5	3	4	5	6
17	0	3	4	9	8	6	5	5	2	6	4	6	5
18	9	2	3	3	7	4	6	2	1	2	1	3	4
19	3	2	0	6	2	4	4	0	0	2	2	0	2
20	0	3	2	2	2	4	0	0	0	0	0	1	1
21	1	2	2	0	4	0	0	2	0	0	2	4	1
22	3	2	4	4	3	2	3	2	6	4	2	3	3
23	4	4	5	5	3	2	2	2	0	2	4	4	3
24	3	0	4	3	3	2	3	2	4	4	4	4	3
25	0	5	2	3	0	5	2	3	1	1	2	4	2
26	6	3	2	4	1	0	2	0	0	5	1	0	2
27	2	3	0	2	0	4	3	0	0	0	0	0	0
28							- DATA MISSING -						
29	****	****	****	****	****	1	4	3	3	6	7	2	****
30	5	6	6	6	15	4	4	3	0	2	2	0	4
MEAN	3	4	3	4	4	3	4	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	6	2	0	3	5	4	3	4	4	3
2	1	0	2	4	8	6	0	3	5	2	6	2	3
3	5	6	6	7	12	8	6	4	3	10	7	4	7
4	3	2	3	2	0	1	3	5	1	2	0	1	2
5	1	3	0	3	3	0	0	0	0	1	0	0	1
6	2	2	2	9	2	3	2	3	2	1	4	0	3
7	3	1	2	0	3	3	0	3	3	4	3	3	4
8	2	5	4	1	5	7	3	2	3	6	5	4	5
9	5	7	6	4	6	7	5	4	2	4	4	3	3
10	4	2	2	3	1	5	4	3	2	3	2	3	3
11	4	2	2	1	2	2	2	1	2	4	4	4	3
12	1	0	2	0	2	1	2	0	1	2	2	0	1
13	2	3	4	6	1	2	3	4	1	1	0	0	2
14	1	0	2	3	4	2	5	5	9	3	2	2	3
15	3	0	2	1	4	2	2	3	2	4	4	2	2
16	3	3	2	2	4	2	2	4	2	1	4	3	4
17	2	3	4	7	3	3	3	3	1	8	2	2	4
18	1	2	2	0	1	2	0	0	1	0	1	0	1
19	1	0	1	1	0	0	4	3	2	1	2	3	1
20	2	0	3	1	2	2	4	3	0	1	2	2	2
21	2	3	3	3	2	2	2	3	2	3	2	4	3
22	2	4	2	4	0	3	2	3	3	0	4	7	3
23	4	1	7	8	2	4	3	1	0	2	5	5	4
24	2	0	4	3	2	1	4	4	3	5	3	6	3
25	5	5	3	1	4	2	3	7	1	6	1	5	4
26	6	5	5	3	4	2	3	3	2	0	3	4	3
27	3	2	4	4	4	4	2	1	3	2	7	3	3
28	2	4	2	1	2	2	6	0	0	0	0	0	0
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	2	3	3	3	3	3	3	2	3	3	3	3

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - ISLINGTON/401 ETOBICOKE NO 35036 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17	****	****	****	****	****	****							
18	2	0	5	9	2	3	2	7	5	0	4	2	****
19	0	0	3	1	0	0	0	1	3	0	1	3	3
20	2	7	2	5	5	2	3	4	3	5	5	2	4
21	3	4	7	9	5	0	0	2	0	5	5	0	3
22	0	3	1	9	9	3	2	0	5	2	7	2	4
23	4	0	4	3	0	5	2	2	8	3	3	4	3
24	5	2	1	8	1	4	11	2	2	3	3	4	3
25	2	2	6	7	4	3	2	1	2	3	2	7	4
26	4	6	0	11	4	4	5	2	3	0	0	2	3
27	0	2	0	1	0	0	0	2	0	3	3	1	1
28	0	3	3	6	2	5	0	2	2	0	8	2	3
29	2	4	2	2	2	0	3	0	2	0	2	2	2
30	5	6	5	10	2	3	4	0	5	0	3	2	4
MEAN	2	3	3	6	3	2	2	2	3	2	3	3	3

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - ISLINGTON/401 ETOBICOKE NO 35036 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	1	6	0	2	2	0	4	5	4	2	2
2	7	2	2	5	****	6	2	9	3	2	5	6	4
3	3	0	0	2	8	2	0	4	0	5	2	3	3
4	2	0	0	0	2	0	5	4	0	2	2	11	2
5	5	5	2	5	5	15	2	0	2	6	3	5	5
6	8	8	5	9	5	3	5	5	7	5	8	6	6
7	13	10	18	14	19	17	13	10	9	9	17	18	14
8	16	13	5	13	18	23	21	6	15	11	8	5	13
9	9	13	7	11	10	9	5	4	3	5	8	3	7
10	5	5	3	5	8	5	3	2	2	0	2	2	4
11	5	0	3	4	0	2	2	0	4	0	2	1	2
12	3	2	4	1	2	3	2	2	3	3	2	3	3
13	4	3	0	5	7	2	2	2	4	11	3	11	5
14	8	4	9	2	11	7	9	2	7	0	2	2	5
15	0	0	2	0	3	0	2	4	2	0	3	0	2
16	3	0	2	0	5	4	2	0	6	1	0	0	2
17	0	5	4	2	2	7	2	3	0	4	5	7	3
18	0	0	2	3	3	0	2	1	1	3	0	4	2
19	****	****	4	3	11	8	2	1	1	1	6	5	4
20	7	5	5	3	5	13	5	3	7	7	5	7	6
21	4	1	2	5	7	6	4	7	3	4	5	3	4
22	3	7	4	6	7	0	4	6	2	2	7	0	4
23	4	2	4	0	6	2	3	4	1	6	4	1	3
24	4	2	0	2	3	0	6	2	2	3	3	5	3
25	3	2	1	2	2	7	3	5	2	2	4	6	3
26	3	3	3	7	3	8	0	1	2	2	3	0	4
27	0	3	3	1	2	3	0	1	2	2	4	2	2
28	1	3	2	0	3	3	0	1	4	3	3	2	2
29	5	6	2	4	4	7	4	6	4	4	4	5	5
30	5	4	4	7	8	7	5	4	5	4	8	4	5
31	5	2	4	0	4	4	5	2	5	2	3	6	4
MEAN	5	4	4	4	6	6	4	3	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH NOV 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	****	2	2	2	4	****
2	2	0	3	8	9	3	5	3	7	4	5	5	5
3	2	3	2	3	4	6	0	2	1	5	3	3	3
4	2	3	2	7	1	3	0	2	2	2	2	2	3
5	3	4	3	5	2	2	2	2	2	3	3	3	2
6	0	2	3	1	4	2	2	2	4	3	2	2	3
7	2	3	17	0	0	2	4	2	0	0	2	2	3
8	0	2	0	0	2	1	2	5	3	2	5	2	2
9	2	0	0	5	7	7	6	4	7	5	8	9	5
10	3	9	11	12	4	5	5	4	2	2	2	****	5
11	****	0	3	0	5	3	6	9	7	13	8	6	5
12	10	5	6	3	5	4	5	0	0	3	3	5	4
13	2	14	9	0	2	3	3	2	3	2	3	2	4
14	1	2	0	3	2	0	0	0	3	0	2	4	1
15	2	1	0	2	2	2	0	0	1	0	2	2	2
16	0	0	2	2	0	2	3	0	2	2	2	2	4
17	0	3	5	3	5	0	7	7	5	3	5	6	4
18	5	4	5	9	13	8	7	8	9	6	3	2	7
19	4	3	6	5	8	3	5	5	3	7	9	9	6
20	2	5	3	7	9	16	11	5	3	7	6	7	7
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	****	7	6	7	6	6	4	****
27	4	5	7	11	17	15	6	5	7	4	4	3	7
28	4	3	3	2	2	2	4	1	2	2	1	2	2
29	3	6	4	4	4	5	3	5	4	3	2	2	4
30	3	0	3	2	4	4	3	3	1	10	9	7	4
MEAN	3	3	4	4	5	4	4	3	3	4	4	4	4

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

MONTH DEC 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	2	4	4	2	9	5	6	5	2	4
2	1	1	0	6	4	2	3	2	4	3	4	6	3
3	2	7	6	9	6	6	7	3	2	6	1	4	5
4	2	7	1	1	3	2	0	2	2	2	7	6	3
5	2	6	6	8	7	3	5	2	3	1	0	0	4
6	0	2	0	0	2	2	0	0	3	2	1	1	1
7	2	1	2	3	2	1	2	5	4	13	9	13	5
8	10	10	9	8	7	6	7	****	5	9	8	10	8
9	7	4	7	7	8	9	8	5	6	7	0	3	6
10	2	2	3	2	2	4	6	5	5	3	5	3	4
11	2	3	3	3	4	3	8	3	3	0	2	5	3
12	0	1	0	3	2	5	1	3	2	3	2	0	2
13	3	3	0	3	2	3	5	1	5	2	5	0	3
14	2	3	7	11	17	8	3	7	3	5	2	1	6
15	3	7	2	7	7	9	9	7	2	4	3	2	5
16	2	4	3	3	4	4	7	3	7	5	1	2	4
17	0	2	3	5	4	3	5	5	7	2	5	5	4
18	3	0	2	7	5	6	7	5	5	3	6	6	4
19	7	11	9	7	6	7	3	3	6	0	2	0	2
20	3	2	2	0	2	2	0	5	2	2	0	0	4
21	2	3	1	6	2	2	2	5	5	4	2	0	3
22	2	1	0	5	5	1	5	3	3	3	2	0	2
23	3	3	2	7	5	2	4	5	3	4	5	0	4
24	3	3	2	5	2	0	3	2	7	6	9	4	4
25	3	2	2	5	5	1	2	7	4	5	3	5	4
26	3	5	5	3	3	9	5	0	3	0	2	2	3
27	4	7	2	3	2	2	2	2	2	2	2	2	3
28	0	2	3	3	5	3	3	7	6	9	9	11	5
29	4	5	2	7	9	****	****	2	2	8	7	8	5
30	3	3	0	9	8	2	2	0	5	11	6	9	5
31	3	7	3	3	7	9	7	3	5	5	9	0	5
MEAN	3	4	3	5	5	4	4	4	4	4	4	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	18	5	14	25
MAR	27	4	8	18
APR	21	4	11	21
MAY	31	3	11	18
JUN	29	3	6	15
JUL	28	3	7	12
AUG		DATA MISSING		
SEP	14	3	4	11
OCT	31	4	14	23
NOV	25	4	7	17
DEC	31	4	8	17
YEAR	255	4	14	25

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ISLINGTON/401 ETOBICOKE

NO 35036

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	140	55	7	4	3	0	0	209
MAR	214	91	9	1	0	0	0	315
APR	158	71	14	2	1	0	0	246
MAY	281	79	10	2	0	0	0	372
JUN	251	83	4	0	0	0	0	338
JUL	278	52	1	0	0	0	0	331
AUG	DATA MISSING							
SEP	121	39	2	0	0	0	0	162
OCT	232	112	16	7	2	0	0	369
NOV	191	82	8	3	0	0	0	284
DEC	231	131	6	1	0	0	0	369
YEAR	2097	795	77	20	6	0	0	2995

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
82	0	0.5	1.5	2.6	4.0	7.2	9.0	12.0	14.6	25	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT

NO 46001

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	****	0	5	2	2	0	5	6	13	2	4
3		7	3	14	9	10	15	8	6	4	2	7	7
4	2	2	3	2	3	1	1	0	3	3	0	1	2
5	3	1	3	2	3	2	0	0	1	0	0	5	2
6	5	0	0	3	0	0	2	3	0	2	3	2	2
7	3	0	0	2	2	2	3	0	5	0	3	2	2
8	2	0	3	3	5	3	3	2	2	5	19	7	5
9	7	9	6	3	9	17	9	2	6	0	3	9	7
10	7	3	5	5	6	5	5	3	2	5	2	1	4
11	0	4	2	0	2	0	0	2	2	3	3	0	2
12	2	5	9	0	0	3	0	4	4	2	5	2	3
13	0	3	2	5	1	2	3	0	5	2	2	5	3
14	0	3	4	2	7	5	4	5	6	5	2	3	4
15	3	0	0	2	2	2	0	3	****	****	****	****	2
16							- DATA MISSING -						
17	****	****	****	****	0	7	0	0	2	0	0	2	1
18	2	2	0	0	3	0	1	0	0	3	0	4	1
19	0	0	0	4	3	0	2	3	1	5	3	4	2
20	5	0	3	2	3	1	1	1	0	0	0	2	2
21	3	0	3	0	0	0	5	0	0	0	3	2	1
22	2	2	0	2	0	0	1	0	0	4	2	3	2
23	0	2	3	4	11	3	2	5	0	3	2	7	4
24	1	5	3	8	5	0	6	4	10	3	7	2	5
25	0	0	2	2	0	0	5	5	2	2	0	2	2
26	4	3	1	9	0	5	2	0	2	5	2	5	3
27	0	0	0	2	0	0	2	0	2	0	0	0	1
28	0	0	4	0	0	0	2	4	2	1	0	0	1
29	0	2	6	2	5	0	3	2	0	0	3	0	2
30	0	2	0	1	0	0	0	0	0	0	0	0	0
31	0	1	0	0	0	5	3	2	0	0	0	2	1
MEAN	2	2	2	3	3	3	3	2	3	2	3	3	3

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT

NO 46001

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	1	4	0	1	0	0	0	2	1	2	1
2	2	0	0	3	0	2	1	0	0	2	0	0	1
3	2	3	0	1	0	1	2	0	1	2	0	0	1
4	1	0	2	0	1	0	0	2	0	0	2	2	1
5	2	0	1	2	0	1	0	0	3	1	3	0	1
6	2	2	0	2	0	2	3	5	0	2	1	4	2
7	0	0	2	2	3	3	3	5	0	0	0	3	2
8	2	0	2	0	2	1	2	0	3	0	2	2	1
9	3	5	2	3	9	9	2	6	7	7	5	5	5
10													
11	2	5	2	0	2	2	2	0	0	3	0	2	2
12	0	1	2	0	4	2	1	0	0	2	2	1	1
13	0	2	0	6	5	8	2	5	3	1	7	7	4
14	2	2	2	4	6	4	2	1	3	3	0	2	3
15	5	4	2	7	5	3	2	0	5	2	2	0	4
16	5	3	4	6	6	1	2	0	0	2	0	0	2
17	0	2	1	3	3	7	0	3	5	2	7	3	3
18	0	3	3	6	7	2	5	6	2	5	4	2	4
19	2	0	5	2	3	0	2	4	0	2	1	0	2
20													
21	1	1	0	2	0	0	5	2	0	0	2	0	1
22	0	2	0	2	0	3	2	1	5	0	2	2	2
23	2	0	0	0	0	0	0	1	1	0	0	0	0
24	2	2	0	5	0	0	2	3	3	2	2	1	2
25	4	0	2	2	2	0	2	1	2	0	0	2	2
26	3	2	2	7	0	3	0	3	3	2	2	0	2
27	0	2	0	4	1	1	0	2	2	0	2	1	2
28	2	0	1	2	0	0	0	2	0	2	5	1	1
29	0	1	5	4	1	3	0	5	7	5	0	2	3
30													
31	1	0	2	2	1	0	0	0	2	0	0	6	1
MEAN	2	1	1	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	3	0	2	0	2	0	0	0	2	1
2	2	5	0	2	7	4	2	3	5	5	2	10	4
3	5	8	2	5	4	5	11	7	1	7	5	3	6
4	2	1	1	3	1	0	1	0	0	1	2	1	1
5	3	0	3	0	2	0	2	2	2	2	1	2	2
6	0	0	1	2	0	3	2	3	0	2	0	2	1
7	1	2	0	1	5	2	0	1	2	4	2	0	2
8	1	2	5	13	2	4	4	3	10	16	9	2	6
9	3	2	2	0	2	6	4	3	2	9	14	6	4
10	3	5	6	10	4	0	2	0	0	0	3	0	3
11	3	0	0	2	0	0	0	0	2	3	2	4	1
12	4	2	7	6	7	2	2	0	4	5	1	9	4
13	4	0	3	2	2	1	2	3	0	0	1	2	2
14	1	2	2	2	3	4	2	3	3	2	2	2	2
15	0	4	2	2	1	0	6	0	4	3	9	6	4
16	0	2	2	0	4	1	0	0	0	0	2	5	1
17	0	2	0	0	3	5	8	11	7	4	3	2	4
18	3	1	2	3	7	5	3	2	0	3	0	2	3
19	5	0	0	1	3	3	2	0	3	0	0	4	2
20	0	2	1	1	4	0	3	2	2	4	7	7	3
21	7	2	0	8	0	4	0	2	0	3	2	3	3
22	3	0	2	2	0	3	2	2	2	1	2	2	2
23	3	0	0	2	2	2	0	8	7	3	3	4	3
24	3	5	2	2	3	5	8	6	7	7	0	5	4
25	2	2	1	3	0	0	0	2	4	2	2	4	2
26	2	8	4	2	9	2	7	2	2	0	0	0	3
27	0	2	2	0	0	0	0	2	0	0	3	2	1
28	0	4	2	2	0	0	0	0	2	2	0	4	2
29	0	2	0	0	0	0	3	2	2	2	2	7	2
30	3	3	7	5	4	0	0	1	4	0	1	1	2
MEAN	2	2	2	3	3	2	3	2	3	3	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	1	2	2	0	2	0	4	4	9	3	2
2	4	2	2	8	6	2	4	4	2	0	3	1	3
3	1	1	2	0	1	0	0	0	0	2	1	2	1
4	0	2	2	0	2	2	0	2	0	0	3	3	1
5	2	1	2	2	7	7	3	9	10	3	3	2	4
6	4	9	4	5	0	3	3	0	2	4	8	3	4
7	4	9	9	10	21	18	14	12	13	11	18	13	12
8	13	11	11	8	12	23	15	9	10	10	4	9	11
9	5	5	4	12	14	11	9	6	12	8	9	5	8
10	4	4	3	10	8	1	1	0	5	2	4	3	4
11	0	2	2	0	5	0	2	4	3	0	1	3	2
12	0	2	0	2	7	0	2	3	2	6	2	2	2
13	2	2	4	4	8	4	7	5	5	6	16	7	6
14	5	4	9	11	10	8	0	1	1	5	0	1	5
15	0	1	1	1	0	1	1	0	1	4	4	1	1
16	0	0	1	6	0	0	3	1	2	1	2	0	1
17	4	0	2	4	9	5	0	1	4	1	5	3	3
18	1	3	2	0	***	0	0	0	2	0	3	2	1
19	2	2	8	8	4	3	1	2	4	2	6	2	3
20	4	1	3	6	10	8	4	9	6	8	9	6	6
21	6	6	2	4	3	5	2	4	6	4	8	3	4
22	3	4	1	3	5	5	5	1	4	2	4	3	3
23	2	3	1	2	2	4	1	0	2	1	1	2	2
24	1	0	1	1	1	2	3	2	4	2	3	2	2
25	2	4	1	2	2	1	1	2	2	4	2	2	2
26	2	2	2	6	2	4	4	0	3	4	5	2	3
27	4	4	5	5	3	2	2	3	1	1	1	1	3
28	4	2	4	4	3	0	1	3	7	5	2	2	3
29	5	2	3	4	4	6	2	6	6	4	3	4	4
30	2	4	5	3	5	2	10	6	6	4	5	6	5
31	5	2	1	4	2	1	2	3	8	8	9	9	5
MEAN	3	3	3	4	5	4	3	3	4	4	5	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT

NO 46001

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	5	2	0	2	2	3	4	6	7	6	8	4
2	6	6	4	2	5	7	4	5	5	1	3	1	4
3	2	2	3	2	4	0	2	****	****	****	****	****	****
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	6	3	4	4	3	5	2	4	2	3	4	2	4
12	3	2	1	12	8	13	4	5	3	4	4	2	5
13	2	1	6	3	0	1	2	2	3	3	1	2	2
14	2	0	3	1	1	6	3	5	4	3	5	6	3
15	4	5	10	5	4	6	4	9	5	3	7	3	5
16	3	6	15	6	5	9	8	4	7	5	5	5	7
17	6	5	11	9	11	10	6	7	5	5	5	5	7
18	2	2	2	4	2	0	2	0	2	0	0	0	2
19	2	0	1	1	2	3	11	5	5	9	5	2	4
20	7	6	5	2	3	0	1	2	2	0	0	0	2
21	3	0	2	0	0	0	1	3	2	3	2	0	1
22	2	0	3	0	0	2	2	3	2	2	3	2	2
23	3	1	0	0	3	0	3	2	4	5	2	7	3
24	3	4	4	9	6	8	6	4	5	3	4	3	5
25	2	4	0	4	6	6	13	****	****	****	****	****	****
26							- DATA MISSING -						
27	****	****	****	****	****	9	9	8	3	0	7	2	****
28	2	4	2	3	0	2	0	4	0	2	1	2	2
29	4	3	1	1	2	0	3	3	2	5	3	5	3
30	5	0	0	0	2	0	1	3	2	2	1	1	1
MEAN	4	3	4	3	3	4	4	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MIDDLE MARKER TORONTO AIRPORT

NO 46001

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	2	11	8	5	0	0	5	5	3	5	4
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	0	0	0	0	2	2	5	7	5	2	2	4	2
17	2	0	2	3	0	5	3	0	3	4	1	2	2
18	1	2	2	6	2	4	3	7	9	15	5	8	5
19	4	6	7	5	4	3	2	0	0	0	0	0	3
20	0	3	1	0	2	2	0	2	2	2	1	0	1
21	0	3	2	2	3	2	2	0	3	2	5	0	2
22	2	2	2	3	7	3	4	2	2	3	0	1	2
23	2	2	3	3	0	6	3	2	5	2	2	5	4
24	2	2	2	1	0	2	2	2	7	7	2	2	2
25	2	3	2	5	2	7	3	7	3	3	7	4	4
26	5	6	4	4	5	0	2	0	0	3	4	5	3
27	2	6	2	3	2	0	2	2	0	2	1	1	2
28	2	4	2	2	2	0	2	2	2	1	0	3	2
29	2	4	5	4	3	2	0	2	4	6	0	2	3
30	2	2	4	4	1	0	5	5	2	4	3	3	3
31	2	3	2	0	2	2	3	3	2	3	3	3	2
MEAN	2	3	3	3	3	3	2	3	3	4	2	3	3

PERCENTAGE OF DATA VALID - 54

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001
POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	29	3	7	19
AUG	31	2	5	9
SEP	30	3	6	16
OCT	31	4	12	23
NOV	22	4	7	15
DEC	17	3	5	15
YEAR	160	3	12	23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - PARTICULATES - SOILING INDEX
STATION - MIDDLE MARKER TORONTO AIRPORT NO 46001

UNIT - COHS/1000FEET X 10

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	DATA MISSING							
JUN	DATA MISSING							
JUL	270	61	4	2	0	0	0	337
AUG	328	44	0	0	0	0	0	372
SEP	297	57	5	1	0	0	0	360
OCT	266	85	15	3	2	0	0	371
NOV	173	69	7	0	0	0	0	249
DEC	165	37	2	0	0	0	0	204
YEAR	1499	353	33	6	2	0	0	1893

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.3	0.9	1.7	2.9	5.9	7.9	10.2	12.6	23	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	0	3	2	2	3	0	0	3	2
24	0	2	0	4	2	2	2	1	4	0	5	3	2
25	5	3	3	0	1	2	1	1	7	7	4	7	3
26	2	0	2	2	2	1	7	0	0	0	6	2	2
27	2	2	1	2	3	0	0	3	1	3	3	2	2
28	0	0	1	2	2	0	4	3	4	2	2	3	2
29	0	0	1	0	0	0	2	0	3	1	2	3	1
30	0	0	6	3	2	2	1	2	2	5	4	6	3
31	4	2	2	0	8	3	8	0	0	4	3	6	3
MEAN	2	1	2	2	2	1	3	1	3	2	3	4	2

PERCENTAGE OF DATA VALID - 27

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	5	2	13	6	3	4	2	3	5	2	1	4
2	0	2	1	4	2	2	5	2	3	0	0	0	2
3	7	0	1	0	0	3	3	0	2	2	5	3	2
4	1	8	2	3	0	0	5	0	2	0	0	5	2
5	3	3	2	3	0	5	4	3	2	2	0	4	3
6	2	4	8	5	5	4	0	0	3	4	11	4	4
7	7	0	4	2	2	0	3	1	2	7	2	3	3
8	2	2	2	0	2	3	2	1	0	3	5	3	2
9	3	3	4	0	3	1	2	0	2	0	0	3	2
10	2	5	0	0	2	1	0	2	0	0	0	3	1
11	1	3	2	2	2	3	3	2	0	1	4	0	2
12	0	0	5	2	0	4	0	2	0	0	5	0	1
13	2	0	4	3	0	2	3	2	0	5	3	6	3
14	0	0	2	5	0	2	4	0	3	7	7	4	3
15	2	1	0	4	1	3	0	0	3	6	2	3	2
16	0	4	2	8	3	2	2	2	4	0	3	5	3
17	1	3	5	5	4	1	3	0	2	2	0	0	2
18	1	2	2	2	1	0	0	0	2	0	2	0	1
19	2	2	2	0	0	0	0	2	2	0	0	0	1
20	0	5	0	0	0	0	0	5	5	3	2	9	2
21	8	0	0	3	6	0	2	3	2	1	2	0	2
22	2	3	0	3	1	0	3	1	2	5	0	4	2
23	0	0	0	2	2	2	2	4	0	2	0	1	1
24	0	2	3	6	0	0	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	3	2	2	2	1	2	2	2	3	2

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025 MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	3	10	5	0	5	****
2	2	6	0	6	0	2	1	4	2	3	3	3	3
3	3	1	3	4	1	2	2	0	0	3	4	0	2
4	2	2	7	5	9	3	4	0	2	5	0	2	3
5	0	5	4	7	3	2	1	4	4	0	0	2	3
6	4	3	2	0	5	2	0	2	2	0	0	0	2
7	0	3	1	5	0	0	6	0	3	2	5	3	2
8	3	4	5	8	9	9	10	11	14	12	12	13	9
9	12	7	11	11	4	2	7	2	5	2	3	3	6
10	2	3	7	3	4	7	1	3	2	2	5	3	4
11	2	3	1	3	0	2	5	4	4	3	0	4	3
12	4	2	1	6	3	2	4	0	3	3	9	8	4
13	3	2	2	3	9	7	8	6	7	7	6	5	5
14	6	2	2	5	3	4	0	1	7	0	3	4	3
15	0	2	2	5	1	5	4	3	8	7	2	4	4
16	2	5	4	5	5	7	2	2	2	2	5	11	4
17	1	1	5	3	2	2	2	0	0	0	2	7	2
18	2	2	4	2	0	3	2	3	3	3	3	3	2
19	0	5	0	9	2	2	7	3	2	3	5	0	3
20	2	2	2	3	3	3	2	0	2	3	5	1	2
21	7	4	5	11	5	0	3	3	7	3	3	9	5
22	12	7	3	5	7	6	4	7	4	2	2	5	5
23	3	2	0	3	3	0	3	0	0	3	3	8	2
24	2	6	0	1	2	1	3	0	0	2	2	2	2
25	2	3	0	6	8	12	5	7	5	7	3	2	5
26	0	2	0	0	3	0	3	1	0	2	1	2	1
27	5	2	3	3	5	0	2	0	2	3	2	3	3
28	2	4	0	2	8	1	2	2	3	4	3	0	3
29	0	7	9	2	5	4	0	3	5	3	6	5	4
30	2	2	9	4	7	5	1	0	3	2	7	4	4
31	- DATA MISSING -												
MEAN	3	3	3	4	4	3	3	2	4	3	3	4	3

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025 MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	2	6	7	7	1	2	0	0	4	6	5	4
2	2	6	2	6	11	5	3	2	3	2	4	3	4
3	5	0	2	0	1	4	2	2	6	0	3	2	2
4	0	0	7	3	5	6	3	2	1	2	3	8	3
5	2	8	9	11	5	6	1	2	1	0	2	0	4
6	3	0	2	0	2	0	4	0	2	3	2	2	3
7	0	3	0	6	2	0	4	0	2	4	10	5	3
8	5	6	5	8	5	8	10	3	3	5	8	2	6
9	3	5	5	2	8	1	4	5	0	5	3	2	4
10	6	3	5	12	0	7	2	8	2	2	5	3	5
11	7	0	7	4	0	2	2	2	4	4	9	0	3
12	0	7	2	1	2	0	2	0	2	4	3	5	2
13	0	2	2	2	3	3	2	1	5	2	2	5	2
14	2	6	4	1	0	3	3	0	3	0	2	11	3
15	6	3	3	11	5	8	7	4	2	3	2	2	5
16	3	7	0	3	2	2	5	5	1	3	3	3	3
17	0	1	0	5	7	5	4	2	7	5	5	0	3
18	3	5	0	2	3	0	3	2	4	3	0	0	2
19	3	5	0	2	5	0	2	2	0	3	4	2	2
20	2	0	3	0	2	2	0	1	0	2	2	3	1
21	3	4	2	2	3	0	0	2	3	3	0	7	2
22	3	0	2	3	1	0	0	2	6	2	0	2	2
23	5	5	3	7	6	3	2	2	4	2	2	6	4
24	3	6	8	6	2	6	3	7	5	2	0	4	4
25	1	0	2	5	2	7	5	23	0	6	9	3	5
26	4	3	3	2	4	0	5	3	4	3	5	2	3
27	0	0	3	2	0	1	0	2	2	0	3	2	1
28	2	3	0	0	0	2	2	2	4	1	4	2	2
29	1	2	4	5	6	2	6	5	0	4	4	3	4
30	2	2	2	2	2	3	2	3	3	0	1	4	2
MEAN	3	3	3	4	3	3	3	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	4	3	3	6	3	3	4	2	3	1	3
2	0	1	3	1	2	3	1	7	4	2	0	2	2
3	2	2	3	3	2	3	2	2	7	0	7	1	3
4	0	2	6	0	2	2	2	1	2	1	0	2	2
5	0	0	0	0	0	2	0	0	0	3	0	2	1
6	1	0	3	2	0	3	1	2	0	2	3	0	1
7	3	0	3	2	3	0	5	2	5	0	1	2	2
8	0	1	2	1	4	4	4	2	2	3	2	7	3
9	3	3	2	5	3	2	5	4	1	2	3	2	3
10	5	5	2	2	0	2	5	4	3	3	0	6	3
11	5	2	3	2	2	5	0	2	0	4	0	8	3
12	2	2	2	0	2	1	0	2	0	1	1	6	2
13	0	2	2	2	4	1	2	0	0	0	0	7	2
14	1	2	1	7	0	5	4	3	3	3	0	3	3
15	0	0	2	0	2	2	2	2	2	0	0	0	1
16	2	2	2	0	2	0	3	0	2	0	2	2	1
17	0	0	2	2	3	0	****	****	****	****	****	****	****
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	0	3	2	7	0	2	2	****
31	0	2	5	7	0	3	3	0	0	0	3	0	2
MEAN	1	2	2	2	2	2	3	2	2	1	2	3	2

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	0	2	1	0	0	4	2	0	3	2	1
2	2	0	3	1	3	1	0	5	0	2	0	0	1
3	1	0	0	4	2	0	0	0	0	0	0	5	1
4	0	0	3	7	3	2	2	3	1	2	2	3	2
5	3	2	5	4	3	0	5	0	3	1	7	0	3
6	4	3	4	3	3	2	3	3	3	3	0	2	3
7	5	5	2	4	3	8	0	3	3	1	2	7	3
8	7	2	1	3	5	2	5	4	2	2	3	3	3
9	0	2	6	7	2	3	3	5	2	2	6	7	4
10	7	4	7	13	2	5	0	3	5	0	3	2	4
11	0	2	1	3	2	5	0	2	3	2	4	3	2
12	9	3	4	5	9	4	2	7	6	0	8	3	5
13	4	5	8	5	7	15	8	3	7	9	4	3	7
14	4	5	8	10	11	7	3	8	4	4	2	2	6
15	7	3	6	6	2	0	2	4	2	1	1	0	3
16	2	0	3	0	0	2	0	0	2	5	0	2	1
17	0	2	4	7	0	3	1	2	2	1	2	0	2
18	7	4	8	8	3	3	5	0	4	6	2	2	4
19	2	3	3	2	3	2	2	0	0	0	2	2	2
20	3	2	0	2	2	2	0	3	0	5	2	3	2
21	2	0	7	11	2	2	4	0	1	4	3	3	3
22	3	5	2	2	0	2	2	1	2	2	0	0	2
23	1	0	2	2	5	2	0	2	4	0	0	4	2
24	4	3	6	6	2	1	3	3	3	0	3	3	3
25	5	2	6	9	2	2	5	0	1	2	0	3	3
26	4	0	1	2	1	0	2	2	3	0	2	4	2
27	2	4	5	4	4	2	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	10	0	0	0	1	****
29	2	4	0	0	2	0	2	0	1	4	4	4	2
30	2	2	0	1	1	4	2	9	4	2	2	0	2
31	6	0	4	5	2	2	0	4	0	2	2	4	3
MEAN	3	2	4	5	3	3	2	3	2	2	2	3	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	4	1	1	2	0	2	5	0	5	2
2	4	0	4	4	3	2	7	3	2	6	3	3	3
3	3	13	4	7	2	2	2	4	6	6	3	3	5
4	1	2	2	2	2	0	3	2	2	1	2	1	2
5	3	2	1	1	1	0	1	2	0	2	3	0	2
6	2	1	2	2	3	2	2	2	1	2	6	4	2
7	6	1	2	2	1	1	2	2	0	2	6	4	2
8	2	4	6	0	4	2	4	6	8	6	5	1	5
9	11	11	4	6	5	5	2	6	8	6	11	9	5
10	2	2	4	8	8	2	3	0	2	3	2	0	6
11	5	0	3	3	2	4	2	0	1	2	3	4	2
12	2	2	4	11	3	5	4	4	2	4	4	6	4
13	3	2	3	0	1	5	2	0	6	0	4	3	2
14	2	1	2	6	5	2	0	2	2	2	2	5	3
15	4	0	2	6	9	6	3	7	2	0	3	4	4
16	3	10	3	2	1	4	2	0	2	4	2	2	3
17	3	0	6	8	7	1	2	4	3	2	3	5	4
18	3	0	8	6	4	1	5	5	6	5	4	2	4
19	2	2	4	4	1	2	2	0	3	3	3	0	2
20	5	6	2	4	3	4	2	2	3	2	6	3	4
21	5	3	2	5	2	2	0	4	1	2	2	1	2
22	0	2	0	1	2	5	2	5	2	0	0	2	2
23	2	0	0	2	5	2	2	2	2	2	0	1	2
24	1	2	2	0	6	0	2	2	1	4	2	2	2
25	2	2	4	3	4	5	0	2	3	4	0	5	5
26	8	2	2	5	5	5	2	1	0	1	3	0	3
27	1	0	0	0	0	2	0	2	1	0	0	3	1
28	5	2	0	2	2	2	2	1	0	0	0	3	2
29	2	1	2	2	3	2	3	0	0	3	2	2	2
30	2	3	6	7	3	2	1	0	1	0	2	0	2
MEAN	3	3	3	4	3	3	2	2	2	3	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	0	3	4	3	2	2	0	5	4	2	2
2	2	4	5	13	9	3	2	2	3	1	2	0	4
3	3	1	3	1	3	2	3	1	2	3	3	1	3
4	3	3	0	2	0	1	2	0	0	0	4	0	2
5	0	2	1	7	6	3	2	5	3	2	2	0	1
6	2	5	5	3	4	2	2	2	2	2	9	5	4
7	10	3	6	12	8	5	10	7	5	4	9	8	7
8	9	10	5	15	14	6	11	6	4	2	2	9	8
9	5	7	6	4	4	5	12	5	3	7	4	4	6
10	0	2	5	5	8	3	1	1	1	2	2	2	3
11	2	0	6	1	7	2	1	2	0	1	1	1	2
12	4	1	4	4	3	8	5	6	3	5	5	2	4
13	2	4	10	6	5	5	5	4	3	3	4	5	5
14	8	5	4	9	11	7	6	2	2	1	0	5	5
15	2	1	3	4	0	0	0	5	0	3	3	2	3
16	0	1	0	3	3	2	4	2	2	2	5	2	2
17	0	4	3	3	7	2	0	2	7	2	2	3	3
18	1	2	0	2	2	1	1	2	2	3	6	1	2
19	2	1	2	10	9	0	2	0	2	3	2	3	3
20	0	4	3	6	10	2	5	2	4	2	4	7	4
21	6	3	2	2	2	3	0	2	6	2	2	5	3
22	1	3	6	6	0	2	4	2	3	6	0	5	3
23	0	0	4	11	2	4	4	1	3	10	2	4	4
24	5	4	4	2	4	2	4	0	3	3	4	4	3
25	3	2	0	2	2	2	5	2	1	6	7	2	3
26	0	3	4	3	4	2	0	1	1	3	0	4	3
27	0	1	1	3	0	0	2	3	0	2	0	0	2
28	2	1	0	1	1	3	2	4	2	2	2	0	2
29	2	2	2	2	4	3	1	6	2	2	2	2	2
30	3	4	4	4	2	0	1	0	2	2	0	2	2
31	0	5	0	2	0	2	0	1	5	3	3	4	2
MEAN	3	3	3	5	4	3	3	3	2	3	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	2	2	0	2	4	2	6	7	2	9	6	4
2	7	6	4	2	8	3	0	2	2	2	2	2	3
3	6	2	0	1	2	3	***	7	2	2	2	3	3
4	5	1	2	0	3	2	6	2	3	2	0	2	2
5	3	0	0	3	1	2	0	0	2	2	0	6	2
6	2	6	0	1	2	6	2	2	2	2	1	0	2
7	2	4	2	0	1	0	2	0	2	2	3	5	2
8	1	0	0	2	4	0	0	3	5	4	1	2	2
9	5	3	2	7	10	5	3	6	5	3	0	3	4
10	2	3	2	1	6	4	2	3	0	2	5	6	3
11	2	5	8	6	3	6	4	0	3	3	8	3	4
12	5	2	2	2	3	0	2	2	2	0	2	2	2
13	2	1	1	2	3	2	0	2	0	4	2	3	2
14	0	0	0	0	0	1	2	2	3	0	3	1	1
15	0	1	0	1	0	0	4	0	2	3	2	0	1
16	0	2	1	3	3	0	0	0	0	3	2	0	2
17	2	3	4	5	2	4	3	1	4	6	7	8	4
18	4	6	5	5	2	2	2	2	0	6	2	0	3
19	2	2	3	1	6	7	2	0	2	0	0	2	3
20	0	0	0	0	3	0	0	2	0	0	1	1	1
21	0	0	3	0	3	0	2	1	1	1	1	2	1
22	1	0	2	0	0	1	0	0	3	1	1	0	1
23	2	0	0	0	1	2	2	2	2	1	0	1	1
24	0	1	2	0	2	0	0	2	1	2	0	0	1
25	0	0	0	0	2	0	0	0	1	0	0	2	0
26	0	2	0	3	2	0	4	0	0	2	4	0	1
27	1	0	0	2	0	1	3	0	2	0	0	0	1
28	1	0	3	2	1	0	0	1	2	2	0	3	1
29	1	0	1	2	2	0	0	2	2	0	0	1	1
30	1	0	0	0	2	0	2	2	2	2	0	1	1
MEAN	2	2	2	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MISSISSAUGA PUBLIC LIBRARY

NO 46025

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	1	2	2	0	0	3	2	9	6	0	2
2	2	3	0	2	2	1	2	2	3	5	3	3	2
3	2	1	2	5	3	3	4	3	0	2	0	0	2
4	7	2	4	2	2	0	1	2	1	0	3	2	2
5	3	2	0	0	1	6	5	5	3	0	0	0	2
6	2	2	1	0	0	1	3	1	2	2	0	1	1
7	2	2	2	1	3	2	3	0	5	7	13	4	4
8	5	8	4	11	7	3	3	9	5	2	5	5	5
9	2	0	2	2	3	2	0	3	0	1	0	1	1
10	0	3	0	1	0	0	2	0	0	0	3	0	1
11	2	0	1	1	3	0	2	0	2	2	2	0	1
12	0	2	1	0	2	0	1	0	0	0	0	2	1
13	0	3	0	2	0	2	0	0	3	2	0	0	1
14	2	1	0	0	1	0	0	2	2	0	1	0	1
15	4	0	0	1	1	0	0	2	0	0	0	0	1
16	2	0	2	0	2	1	0	3	2	1	2	2	1
17	2	2	3	2	3	1	3	3	3	3	3	0	2
18	3	4	0	2	3	2	2	0	2	3	7	3	3
19	3	9	2	5	3	2	2	3	1	0	2	2	3
20	3	0	2	3	2	0	2	3	4	2	5	0	2
21	4	0	7	5	2	2	2	6	3	4	5	5	4
22	0	2	5	3	4	7	2	5	5	6	3	5	4
23	3	3	3	3	9	4	9	13	3	6	3	4	5
24	0	3	3	1	2	1	3	0	3	5	2	0	2
25	2	2	5	3	7	1	5	9	3	5	5	6	4
26	2	7	5	2	4	0	1	5	2	2	3	3	3
27	3	8	4	2	5	0	6	0	0	2	2	2	3
28	3	2	3	3	3	3	0	2	8	3	2	1	3
29	3	7	1	5	6	6	5	2	5	6	4	0	4
30	2	2	0	4	4	1	4	1	7	7	5	4	3
31	2	2	2	4	2	2	8	4	2	3	8	1	3
MEAN	2	3	2	3	3	2	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025
POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	9	2	3	8
APR	24	2	4	13
MAY	30	3	9	14
JUN	30	3	6	23
JUL	19	2	3	8
AUG	31	3	7	15
SEP	30	3	6	13
OCT	31	3	8	15
NOV	30	2	4	11
DEC	31	3	5	13
YEAR	265	3	9	23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - PARTICULATES - SOILING INDEX UNIT - COHS/1000FEET X 10
STATION - MISSISSAUGA PUBLIC LIBRARY NO 46025

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	91	13	0	0	0	0	0	104
APR	243	37	2	0	0	0	0	282
MAY	252	89	12	0	0	0	0	353
JUN	265	89	5	0	1	0	0	360
JUL	193	24	0	0	0	0	0	217
AUG	289	66	4	0	0	0	0	359
SEP	291	64	5	0	0	0	0	360
OCT	281	83	8	0	0	0	0	372
NOV	315	43	1	0	0	0	0	359
DEC	306	63	3	0	0	0	0	372
YEAR	2526	571	40	0	1	0	0	3138

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.3	1.0	1.7	2.8	5.5	6.9	8.8	10.5	23	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	3	3	0	0	2	1	1	2	0	0	0	1
2	0	0	4	2	10	8	10	1	10	10	0	6	5
3	6	2	2	2	1	2	2	6	10	10	8	6	5
4	4	4	6	4	4	6	6	8	4	6	6	4	5
5	4	6	10	6	4	6	8	6	6	4	4	2	6
6	1	2	1	1	6	10	2	4	1	0	4	2	3
7	2	4	2	4	2	2	6	2	10	10	4	6	5
8	2	6	4	4	6	4	2	4	6	8	6	4	5
9	6	4	4	4	6	8	4	4	2	1	4	2	4
10	0	2	1	1	1	2	4	2	4	4	2	2	2
11	1	4	2	6	4	10	8	6	4	2	4	2	4
12	1	2	2	4	2	4	8	4	1	0	1	1	3
13	2	1	0	6	0	0	1	4	1	1	1	2	2
14	4	1	1	0	1	1	4	4	1	2	2	4	2
15	0	1	2	2	4	1	1	6	2	4	4	2	2
16	4	2	4	1	0	4	12	16	12	****	****	****	6
17							- DATA MISSING	-					
18							- DATA MISSING	-					
19							- DATA MISSING	-					
20							- DATA MISSING	-					
21							- DATA MISSING	-					
22							- DATA MISSING	-					
23							- DATA MISSING	-					
24							- DATA MISSING	-					
25							- DATA MISSING	-					
26	****	****	****	****	1	4	8	2	4	4	6	2	4
27	8	12	2	4	8	6	4	2	4	2	1	4	5
28	2	6	6	6	6	6	6	2	2	2	1	1	4
29	8	4	2	1	2	4	1	0	2	2	1	1	2
30	2	1	2	2	4	1	1	2	6	4	1	4	3
31	6	6	2	1	1	0	2	2	4	4	2	6	3
MEAN	3	3	3	3	3	4	5	4	4	4	3	3	4

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	1	1	2	2	2	1	0	2	2	2
2	8	10	8	12	4	8	2	0	2	1	2	0	5
3	2	4	4	2	1	1	2	1	2	1	1	2	2
4	2	8	8	0	1	4	6	6	0	6	8	2	4
5	4	8	4	8	4	1	2	2	6	6	10	8	6
6	2	10	10	2	6	6	6	4	8	12	12	12	7
7	8	2	4	4	4	6	4	6	10	6	6	4	8
8	14	14	12	6	6	12	8	10	8	8	8	8	6
9	1	6	0	2	1	2	2	4	4	1	1	2	3
10	4	6	4	2									
11	2	2	1	2	1	2	4	1	4	0	1	4	2
12	1	4	2	0	4	4	4	0	2	0	1	2	2
13	2	2	1	1	0	1	4	1	4	4	1	4	2
14	0	8	1	2	4	4	2	4	4	4	0	1	3
15	1	2	2	1	4	1	4	2	4	2	1	4	3
16	4	4	0	1	0	4	4	4	2	4	6	4	3
17	4	8	8	8	6	6	8	14	4	14	10	12	9
18	14	12	8	8	2	6	8	4	1	2	6	4	6
19	1	1	0	0	1	1	2	4	4	2	4	2	2
20	1	2	1	1	0	2	2	2	2	0	2	1	1
21	2	6	2	2	2	4	2	2	2	6	4	2	3
22	1	2	1	2	1	2	0	1	1	1	1	2	1
23	1	0	0	1	0	****	2	4	6	1	2	2	2
24	4	0	8	2	1	1	2	4	4	2	1	1	1
25	1	1	1	2	2	2	2	0	1	0	4	2	3
26	2	2	6	1	2	1	4	8	2	2	4	2	3
27	6	2	6	2	1	0	1	2	2	4	4	2	2
28	2	1	4	1	2	4	1	1	2	4	4	2	2
MEAN	3	5	4	3	2	4	3	3	4	3	4	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	6	6	4	4	2	2	1	2	1	3
2	6	4	4	4	2	6	6	4	2	4	1	2	4
3	1	6	1	2	1	6	4	2	1	4	1	4	3
4	1	8	6	4	6	8	4	2	0	1	1	1	4
5	1	1	2	1	2	1	0	0	1	2	1	6	2
6	0	1	4	0	1	4	1	6	2	2	2	0	2
7	6	2	4	4	4	1	4	0	1	4	2	1	3
8	1	1	1	1	1	2	2	4	0	2	1	0	1
9	2	2	2	0	2	2	1	4	2	0	1	2	2
10	2	1	2	2	1	0	2	2	2	2	1	0	1
11	0	4	2	2	1	1	1	1	1	2	2	1	2
12	2	2	2	0	4	1	2	2	2	1	1	0	2
13	2	1	1	4	2	2	0	1	2	1	2	1	2
14	1	1	2	1	1	0	2	0	1	2	2	1	1
15	1	2	0	1	2	0	2	1	2	1	1	2	1
16	1	1	1	1	1	2	0	1	2	4	0	0	1
17	2	4	1	2	0	0	1	1	1	4	4	0	2
18	1	0	2	2	1	4	2	6	2	2	4	2	2
19	2	2	2	1	1	2	0	6	2	2	6	4	3
20	6	2	2	6	4	4	2	2	0	2	2	1	3
21	0	1	4	0	4	6	2	1	4	1	1	1	2
22	1	1	4	2	4	1	0	1	2	2	1	1	2
23	2	1	1	2	0	0	2	1	2	1	2	1	1
24	2	1	2	1	1	2	0	2	1	2	1	0	1
25	2	1	2	1	1	2	1	2	1	0	1	2	1
26	0	2	4	1	4	4	1	0	2	1	1	0	2
27	2	1	1	1	4	1	2	1	1	2	1	1	2
28	1	1	4	2	0	2	2	2	4	1	0	2	2
29	1	0	2	0	2	2	1	4	1	0	0	1	1
30	1	2	0	4	2	2	2	2	1	2	1	4	2
31	2	2	2	1	0	0	1	****	****	****	****	****	****
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	5	0	1	4	2	3	1	5	2	0	2
2	1	0	0	1	1	5	6	0	2	3	0	2	2
3	0	1	1	1	1	2	0	0	0	0	1	3	1
4	2	2	3	4	2	1	0	1	0	1	0	0	1
5	3	0	1	1	1	2	2	3	1	2	2	2	2
6	2	4	3	2	5	2	4	10	3	5	3	2	4
7	0	2	2	0	3	2	2	0	2	2	3	2	2
8	4	0	2	3	4	5	1	0	2	3	3	3	3
9	2	3	2	2	3	0	3	0	0	2	2	2	2
10	2	2	0	0	0	0	2	2	2	0	2	4	1
11	3	1	3	1	0	2	0	3	3	2	2	2	2
12	0	3	2	2	0	2	1	2	0	0	2	0	1
13	0	1	2	6	3	3	3	1	0	5	2	2	2
14	0	2	5	4	5	2	8	2	5	0	0	2	3
15	0	2	2	0	3	1	3	2	0	0	0	1	1
16	4	0	3	2	5	0	3	3	4	0	5	2	3
17	3	5	4	7	13	7	2	1	0	5	2	1	4
18	2	3	0	0	3	2	0	0	3	0	2	2	1
19	5	0	2	2	2	2	0	2	1	2	3	3	2
20	0	2	0	7	0	2	2	3	2	3	9	8	3
21	6	2	7	2	2	0	0	2	0	2	0	1	2
22	2	2	0	1	0	3	0	2	2	2	5	7	2
23	2	2	7	5	0	1	0	5	0	6	2	1	3
24	0	1	9	2	3	0	****	****	****	****	****	****	****
25							DATA MISSING	-					
26							DATA MISSING	-					
27							DATA MISSING	-					
28							DATA MISSING	-					
29							DATA MISSING	-					
30							DATA MISSING	-					
MEAN	2	2	3	2	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	****	****	2	7	5	8	4	3	****
16	5	4	5	3	5	12	5	11	4	11	4	2	6
17	4	2	6	6	5	7	4	5	4	3	2	2	4
18	4	2	3	0	1	2	2	2	1	0	0	2	2
19	2	0	0	0	2	2	4	0	0	4	1	0	1
20	0	3	2	2	1	2	1	1	0	1	0	0	1
21	4	2	4	2	2	3	4	2	0	0	3	2	2
22	0	0	0	0	0	1	1	1	0	0	0	1	1
23	3	2	0	2	3	2	0	2	1	3	4	0	2
24	5	8	2	3	4	2	2	5	4	4	2	2	4
25	2	2	0	0	1	2	0	1	4	5	3	5	2
26	2	0	1	4	4	3	7	2	4	2	4	2	3
27	2	2	2	0	2	2	0	2	2	0	1	2	1
28	2	0	0	4	2	1	2	0	0	1	4	4	2
29	1	1	1	0	2	3	1	3	2	0	14	2	3
30	4	3	4	2	1	1	0	3	2	2	0	0	2
MEAN	3	2	2	2	2	3	2	3	2	3	3	2	2

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	0	1	1	2	2	6	2	2	2	2	4	2
2	4	0	2	4	1	0	0	0	2	5	2	4	2
3	4	6	2	7	4	12	10	3	6	4	1	2	5
4	1	2	1	2	2	2	2	0	0	0	1	2	1
5	0	0	0	0	0	0	1	0	3	0	5	0	1
6	2	1	3	1	0	2	2	1	0	0	5	3	2
7	6	3	6	4	3	1	0	4	3	2	2	6	4
8	5	7	9	3	7	7	6	3	5	3	5	5	6
9	6	7	4	2	5	3	2	2	3	2	0	2	3
10	3	4	4	2	7	3	2	2	3	2	0	2	3
11	1	0	0	3	0	0	0	2	2	2	0	2	1
12	4	0	1	2	0	0	2	2	2	2	6	4	2
13	1	1	0	2	0	0	1	3	1	2	2	6	2
14	2	2	1	7	5	6	3	9	6	4	2	3	4
15	2	1	4	3	2	2	0	2	4	2	2	4	2
16	2	4	2	0	2	0	1	3	0	0	0	2	1
17	5	2	5	2	2	0	1	1	2	4	1	3	2
18	1	2	1	1	3	0	0	0	2	2	1	2	1
19	1	2	0	2	0	3	0	1	3	2	5	4	2
20	2	1	1	2	4	4	0	2	2	0	2	0	2
21	2	0	2	2	2	1	2	0	4	0	1	1	1
22	0	2	2	2	2	0	0	3	0	2	3	2	2
23	1	2	1	6	6	3	4	2	5	1	6	6	4
24	1	3	7	5	8	4	4	4	4	2	0	6	4
25	1	3	2	5	2	3	4	0	6	1	3	5	3
26	7	3	4	2	5	3	4	1	0	3	3	3	4
27	1	0	4	8	4	4	6	5	3	1	1	0	3
28	2	0	2	12	4	2	3	4	3	1	3	5	3
29	1	5	0	2	5	6	5	2	4	7	4	6	5
30	3	9	6	8	4	6	5						
31	6	4	8	7	2	0	2	3	0	5	0	2	3
MEAN	3	2	3	4	3	3	2	2	3	2	2	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	2	0	0	0	0	0	0	0	5	0	1
2	1	0	0	2	0	0	3	0	3	2	0	2	1
3	2	1	3	0	0	4	0	1	0	3	0	0	1
4	0	1	0	2	0	0	0	2	0	0	0	2	1
5	2	0	3	2	1	0	0	1	0	7	5	3	2
6	0	3	5	0	0	3	0	2	0	6	4	2	2
7	0	0	3	0	0	2	3	2	2	0	2	0	1
8	2	2	0	2	8	2	2	1	0	5	2	5	3
9	2	5	1	2	3	2	1	1	1	2	0	1	2
10	4	0	5	6	5	3	3	0	2	4	5	2	3
11	5	2	2	2	7	2	0	2	2	1	4	0	2
12	0	3	2	0	1	4	0	2	0	1	0	2	1
13	2	0	6	5	0	2	2	1	5	3	5	2	3
14	0	3	0	6	***	3	0	3	2	2	3	3	2
15	7	1	2	3	2	2	1	1	6	0	5	6	3
16	4	4	5	5	1	0	2	0	0	0	0	1	2
17	2	0	0	0	0	2	0	0	0	2	0	0	1
18	2	2	0	2	3	2	0	0	2	5	2	7	2
19	1	3	0	2	7	5	2	1	4	0	3	0	2
20	1	3	2	2	3	2	2	2	0	0	0	2	2
21	3	0	1	0	3	0	2	0	0	0	1	0	1
22	2	2	0	3	1	3	1	2	0	3	2	0	2
23	2	0	0	0	2	2	0	1	1	0	4	0	1
24	3	0	5	0	1	2	0	2	2	3	2	3	2
25	0	2	2	2	3	2	4	2	3	0	3	2	2
26	2	4	2	2	2	2	0	2	1	2	0	2	2
27	0	0	0	2	0	2	2	2	6	0	0	1	2
28	2	4	2	3	***	5	3	0	2	3	0	2	2
29	2	4	0	1	0	0	2	1	0	1	1	2	1
30	0	2	4	4	3	0	1	5	3	2	2	2	2
31	0	3	0	3	3	2	2	2	0	1	1	0	1
MEAN	2	2	2	2	2	2	1	1	1	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	0	3	0	3	2	0	2	2	2	1
2	0	2	0	6	2	0	1	3	5	4	4	5	3
3	3	3	5	8	5	7	4	9	8	5	5	5	6
4	3	5	3	1	0	3	1	1	1	0	0	0	2
5	0	2	3	0	2	1	0	0	0	0	0	0	1
6	0	0	2	2	1	2	1	2	1	0	2	2	1
7	2	0	2	2	2	3	0	3	2	3	3	2	2
8	0	0	5	4	5	5	13	3	12	8	8	2	5
9	2	3	0	2	4	3	2	2	3	8	7	8	4
10	7	6	9	7	6	2	0	0	2	2	3	4	4
11	2	2	2	3	1	1	0	0	0	0	3	3	1
12	2	3	3	5	3	2	1	3	5	3	2	2	3
13	2	4	4	0	0	5	1	2	0	2	0	0	2
14	2	3	3	2	4	4	2	3	4	4	6	1	3
15	2	3	0	6	0	0	3	3	4	0	3	3	3
16	2	2	2	0	3	3	0	2	0	0	0	1	3
17	0	1	2	3	4	3	5	4	3	5	1	0	3
18	1	0	0	2	2	4	4	5	2	7	0	0	2
19	1	0	2	2	1	0	2	1	2	1	3	5	2
20	5	4	4	2	3	5	6	3	2	4	6	5	4
21	4	5	3	5	4	2	3	2	5	0	3	3	3
22	0	0	1	3	3	2	3	2	1	3	0	3	2
23	2	0	0	2	0	2	0	0	6	3	6	5	2
24	2	2	2	2	2	6	7	5	5	0	2	3	3
25	2	0	2	5	4	0	2	2	3	4	4	5	3
26	0	8	5	3	5	4	0	0	3	0	2	0	3
27	0	0	0	2	1	8	0	0	0	3	2	2	1
28	2	0	0	4	1	2	0	2	0	0	2	2	2
29	2	1	0	4	1	2	3	3	0	2	2	3	2
30	2	4	3	9	3	0	0	0	2	1	4	0	2
MEAN	2	2	2	3	2	3	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	2	0	0	2	0	2	4	1	4	0	1
2	3	2	3	12	10	3	3	4	2	2	0	2	4
3	0	1	2	5	0	0	0	1	2	2	2	2	1
4	2	5	3	1	1	2	1	6	0	2	2	4	2
5	0	5	3	9	8	2	7	3	8	3	6	4	5
6	5	2	7	6	2	0	5	3	1	8	3	5	4
7	7	4	6	15	15	10	13	7	11	12	15	15	11
8	9	11	11	15	14	18	8	7	12	12	6	7	11
9	8	6	9	17	7	7	4	4	10	7	2	3	7
10	2	4	5	7	5	1	2	0	1	0	3	3	3
11	0	2	0	2	2	0	3	0	3	2	0	3	1
12	3	1	1	2	4	3	5	1	2	4	1	2	2
13	3	2	3	8	7	4	8	6	4	2	5	4	5
14	3	5	5	5	9	7	2	2	2	2	2	0	4
15	2	3	1	3	0	1	0	2	0	0	2	0	1
16	2	2	0	0	0	2	3	0	0	1	0	2	1
17	0	2	0	7	5	2	1	0	2	3	2	2	2
18	2	2	0	7	0	2	2	0	2	2	0	0	1
19	4	0	4	6	5	4	3	3	2	2	2	0	1
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	3	4	6	5	4	4	3	4	4	3	3	4

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	0	3	2	2	2	2	****
4	2	1	1	4	3	1	2	2	4	2	5	0	2
5	5	1	2	0	2	0	0	2	4	0	0	2	2
6	0	2	5	13	2	3	2	2	3	0	2	2	3
7	4	0	5	3	2	2	2	0	1	0	0	1	2
8	2	0	5	3	2	2	3	4	2	5	2	6	3
9	3	3	3	2	12	6	11	13	14	10	8	4	7
10	9	5	4	5	3	5	2	6	3	6	6	5	5
11	6	4	4	5	4	2	7	6	4	7	3	6	5
12	2	2	0	2	2	2	2	2	2	0	2	1	2
13	0	3	2	2	0	3	0	0	0	4	2	0	1
14	0	1	2	0	2	2	1	3	1	0	1	0	1
15	0	3	3	2	2	0	1	2	0	0	1	2	1
16	0	5	0	5	2	3	0	3	7	5	3	6	3
17	2	6	2	7	5	2	4	3	7	4	4	5	4
18	9	4	5	13	17	4	3	6	11	14	8	4	6
19	5	6	6	7	6	6	8	3	10	6	11	13	9
20	15	8	4	7	9	7	3	3	2	0	2	1	5
21	2	0	0	2	0	3	0	2	0	2	2	2	1
22	4	9	0	3	5	3	3	3	2	0	8	4	4
23	1	2	0	2	3	0	0	11	11	3	2	2	3
24	2	1	1	5	2	2	2	1	0	3	4	2	2
25	4	2	3	5	3	7	4	4	6	4	3	7	4
26	5	7	6	7	10	6	6	7	7	5	8	4	7
27	4	2	5	7	9	20	13	5	5	0	3	5	7
28	2	3	2	1	3	2	2	2	1	3	1	1	2
29	2	3	3	3	2	3	2	2	5	3	2	3	3
30	5	2	2	2	2	0	5	2	3	1	3	9	3
MEAN	3	3	3	4	4	4	3	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	3	1	4	6	9	2	****	****	10	6	2	5
2	2	1	1	1	1	0	5	0	2	1	3	2	2
3	1	2	2	8	5	2	9	7	7	5	1	7	5
4	1	3	1	4	2	3	7	3	0	2	3	2	3
5	2	5	4	2	5	2	1	3	0	0	3	2	3
6	2	0	2	0	2	2	7	2	3	2	2	2	2
7	0	2	2	3	3	2	6	3	2	3	5	9	4
8	5	6	7	17	5	5	2	5	11	5	9	11	7
9	3	3	2	7	5	8	5	3	8	3	2	0	4
10	0	2	0	5	2	3	3	2	7	0	6	0	3
11	3	0	2	2	5	0	13	2	4	2	0	2	3
12	2	0	2	2	2	2	2	1	2	5	2	5	2
13	3	2	2	2	2	4	5	2	2	2	3	3	3
14	2	2	3	2	8	6	0	3	9	3	5	3	4
15	5	2	5	7	5	7	6	9	9	4	5	3	6
16	2	3	2	3	7	2	6	6	9	6	2	9	5
17	3	2	6	5	3	3	3	0	4	0	9	3	3
18	5	2	6	3	7	5	13	6	10	11	9	7	7
19	2	0	2	3	2	4	0	0	3	0	0	3	2
20	0	4	0	4	0	4	2	2	2	0	6	3	2
21	1	5	2	5	7	2	5	2	0	2	3	2	3
22	3	8	3	2	2	2	0	5	3	3	3	1	3
23	2	6	2	10	0	5	2	5	2	3	2	5	4
24	2	2	1	0	2	3	4	2	3	4	3	2	2
25	8	0	3	3	6	13	3	9	2	5	0	4	5
26	7	2	1	2	5	0	6	0	6	5	5	1	3
27	7	0	2	0	3	0	0	2	2	2	2	7	2
28	2	0	0	3	2	2	0	****	****	****	1	0	1
29	0	0	1	4	0	3	2	2	5	3	4	5	2
30	2	0	6	13	0	0	7	0	2	6	0	2	3
31	2	2	2	2	0	4	4	5	2	6	5	3	3
MEAN	3	2	2	4	4	3	4	3	4	3	3	4	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BRAMALEA PEEL

NO 46033

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	4	6	16
FEB	28	3	9	14
MAR	31	2	4	8
APR	24	2	4	13
MAY	DATA MISSING			
JUN	16	2	6	14
JUL	31	3	6	12
AUG	31	2	3	8
SEP	30	2	6	13
OCT	19	4	11	18
NOV	28	4	9	20
DEC	31	3	7	17
YEAR	291	3	11	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BRAMALEA PEEL

NO 46033

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	191	62	3	1	0	0	0	257
FEB	259	63	13	0	0	0	0	335
MAR	347	20	0	0	0	0	0	367
APR	248	33	1	0	0	0	0	282
MAY	DATA MISSING							
JUN	164	18	4	0	0	0	0	186
JUL	302	68	2	0	0	0	0	372
AUG	336	34	0	0	0	0	0	370
SEP	300	58	2	0	0	0	0	360
OCT	157	50	14	2	0	0	0	223
NOV	235	79	14	2	0	0	0	330
DEC	255	104	7	1	0	0	0	367
YEAR	2794	589	60	6	0	0	0	3449

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86	0	0.3	0.9	1.6	3.0	5.6	7.4	9.9	11.9	20	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	12	12	2	1	6	10	6	10	14	12	14	6	9
2	8	8	16	6	6	4	8	6	10	12	16	6	9
3	8	4	8	4	2	2	0	8	6	8	2	6	5
4	2	12	10	14	4	6	6	8	6	6	4	2	7
5	2	1	10	6	2	6	8	6	1	4	6	2	5
6	2	12	6	4	1	1	4	8	6	10	8	4	6
7	10	2	8	6	4	8	2	4	4	8	6	4	6
8	6	4	6	4	10	10	6	6	4	8	6	4	6
9	2	6	2	4	10	6	4	4	8	2	4	2	5
10	6	4	6	1	1	4	1	4	4	8	1	4	4
11	1	2	2	8	8	4	8	6	12	6	8	8	6
12	4	2	0	8	4	2	2	12	4	6	4	4	4
13	4	8	8	2	8	4	4	1	6	6	8	8	6
14	6	8	6	2	1	4	12	8	8	12	8	1	6
15	1	12	1	4	4	8	10	2	8	8	4	6	6
16	6	10	10	12	****	8	6	6	8	4	6	10	8
17	8	6	10	8	4	4	0	0	2	2	8	4	5
18	4	2	1	4	0	0	6	12	12	8	14	6	6
19	6	1	4	4	6	8	4	4	4	4	6	4	5
20	1	6	4	6	1	2	2	10	4	4	2	8	4
21	14	4	4	4	2	8	4	2	2	4	1	4	4
22	12	12	0	2	6	8	6	6	6	6	4	2	6
23	6	2	2	6	4	8	4	8	4	4	8	6	5
24	6	6	10	4	8	6	10	4	12	10	1	8	7
25	8	8	14	6	4	4	10	4	6	12	10	6	8
26	6	4	14	4	2	6	8	10	12	8	6	4	7
27	10	14	8	4	6	12	4	2	6	4	4	6	7
28	4	6	6	4	2	4	4	4	2	1	6	6	4
29	8	2	4	4	2	4	4	4	8	0	4	4	4
30	4	2	1	2	2	4	4	4	6	6	1	2	3
31	8	6	2	2	4	6	8	6	4	1	2	1	4
MEAN	6	6	6	5	4	6	5	6	6	6	6	5	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	2	4	1	8	8	4	8	6	6	4
2	6	8	8	8	10	4	4	1	4	4	6	1	5
3	4	4	6	6	1	6	6	1	4	6	4	4	4
4	2	8	4	4	1	4	4	6	4	8	2	4	4
5	12	6	4	6	2	4	6	2	4	8	6	8	6
6	6	4	6	4	6	1	6	6	6	4	8	4	5
7	2	6	8	2	4	1	8	6	12	6	14	14	7
8	18	16	14	4	4	4	6	6	12	8	1	6	8
9	4	2	0	4	2	6	4	6	6	10	4	10	5
10	10	6	4	4	2	10	1	4	8	4	0	4	5
11	4	4	1	1	4	6	1	12	6	2	1	1	4
12	6	2	6	4	1	1	6	0	0	6	4	4	3
13	8	14	8	4	4	4	0	1	4	6	10	1	5
14	0	2	4	2	4	2	4	8	2	6	2	1	3
15	4	6	4	4	4	2	4	2	8	4	4	2	4
16	6	8	4	1	4	2	4	1	6	2	6	2	4
17	4	8	4	4	2	8	8	16	16	12	12	4	8
18	10	8	8	4	6	8	4	8	2	4	6	4	6
19	2	2	4	4	2	4	2	1	4	6	2	2	3
20	0	6	6	0	1	2	4	2	4	1	0	2	2
21	1	4	2	4	4	6	2	1	1	0	4	2	3
22	1	6	0	1	4	4	4	1	2	0	4	4	3
23	2	6	2	2	1	1	4	1	0	4	1	2	2
24	6	4	2	2	2	0	4	4	2	1	4	8	3
25	1	6	4	6	4	0	4	6	4	2	2	0	3
26	1	2	4	4	2	1	6	4	8	2	2	4	3
27	4	2	4	4	2	0	1	2	8	6	2	4	3
28	8	4	4	4	2	2	2	2	10	6	8	8	5
MEAN	5	6	5	3	3	3	4	4	5	5	4	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	8	4	4	4	6	2	4	2	4	4	2	4
2	2	2	2	1	2	2	2	4	1	4	1	2	2
3	6	4	6	4	4	2	6	1	6	4	4	4	4
4	4	4	6	8	4	10	6	2	2	6	2	2	5
5	1	2	2	2	4	1	4	6	2	2	4	6	3
6	4	4	2	4	2	1	4	6	1	4	4	4	3
7	4	6	6	4	1	2	2	6	4	4	1	1	3
8	4	1	4	1	2	4	2	0	4	4	1	8	3
9	6	10	4	1	1	1	6	4	2	6	4	6	4
10	4	6	4	6	4	0	2	4	2	6	1	2	3
11	1	2	2	4	0	0	1	1	2	6	4	2	2
12	6	8	6	1	2	1	4	1	4	2	0	0	3
13	6	4	1	1	4	4	6	2	2	6	4	1	3
14	8	4	2	2	2	1	1	2	0	2	2	4	3
15	6	6	2	4	0	1	0	2	2	2	2	2	3
16	1	4	2	4	1	1	2	2	1	1	2	2	2
17	0	4	0	1	4	4	4	2	8	6	8	4	4
18	0	6	2	6	1	1	6	6	1	6	4	8	4
19	6	2	6	2	1	4	10	2	8	6	6	4	5
20	4	1	2	1	4	4	1	2	1	0	8	2	3
21	2	6	4	2	1	1	2	6	4	6	1	4	3
22	4	4	1	0	4	2	1	6	4	1	0	2	2
23	2	2	2	2	1	5	1	1	2	1	2	1	2
24	1	0	6	2	1	2	2	1	2	1	1	1	2
25	2	4	1	2	4	1	4	1	1	0	1	1	2
26	2	2	1	2	2	2	1	0	2	0	2	4	2
27	1	1	0	4	0	0	4	6	4	4	1	2	2
28	2	2	0	4	0	2	2	2	6	1	4	2	2
29	1	0	1	2	2	1	2	4	2	1	10	2	2
30	4	0	2	2	1	2	1	4	4	6	6	8	3
31	2	2	1	1	1	****	****	****	5	6	2	2	2
MEAN	3	4	3	3	2	2	3	3	3	4	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	7	6	12	4	3	2	0	3	3	2	1	4
2	0	0	2	2	2	5	4	4	2	0	2	1	2
3	1	2	4	3	4	1	4	1	0	3	0	8	3
4	3	5	2	3	2	0	0	3	4	3	2	2	2
5	0	3	0	3	2	1	0	3	2	3	2	5	2
6	5	6	7	3	8	2	5	4	6	7	6	6	5
7	2	2	2	2	3	2	2	3	2	2	2	4	2
8	0	5	5	4	3	3	2	2	4	3	7	4	4
9	0	0	3	0	2	2	3	0	0	4	2	2	2
10	2	0	3	3	5	2	3	0	2	1	2	2	2
11	3	6	0	3	0	1	5	0	3	1	3	4	2
12	4	3	2	0	2	0	2	0	4	1	2	0	2
13	4	1	2	3	2	0	3	0	7	3	2	0	2
14	2	0	3	5	5	2	2	8	3	3	1	2	3
15	2	5	0	3	2	2	2	2	0	3	5	5	3
16	9	8	4	2	2	0	0	2	2	6	5	9	4
17	6	5	10	4	7	5	4	2	2	3	2	5	5
18	0	2	2	4	5	0	1	0	1	0	0	3	2
19	0	3	1	2	2	2	3	3	3	2	2	1	2
20	5	2	4	6	2	0	2	2	0	5	4	10	4
21	13	7	7	3	2	0	5	0	2	2	2	0	4
22	6	0	3	5	0	2	1	3	3	3	2	5	3
23	2	2	5	5	7	0	3	1	0	3	2	5	3
24	5	0	6	2	2	****	0	0	2	2	2	4	2
25	5	2	2	2	3	2	3	1	1	3	0	2	2
26	0	2	1	2	4	2	0	3	0	1	1	5	2
27	6	2	3	6	7	1	2	4	3	8	4	3	4
28	4	5	6	3	12	9	8	6	7	7	3	4	6
29	4	2	2	4	2	3	5	5	2	8	4	2	4
30	2	3	2	3	6	8	8	5	8	6	8	5	5
MEAN	3	3	3	3	4	2	3	2	3	3	3	4	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - BRAMPTON PEEL NO 46038 MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	4	7	7	5	5	2	3	5	3	0	4
2	2	2	0	2	2	0	2	3	2	3	2	2	2
3	2	2	0	3	2	0	0	2	1	2	0	1	1
4	5	3	2	4	2	5	2	7	2	0	1	0	3
5	2	2	2	7	3	0	2	3	1	3	3	4	3
6	2	0	0	5	2	0	1	0	0	3	3	0	1
7	5	0	1	0	5	2	2	1	2	5	0	0	2
8	2	4	5	10	9	7	5	8	5	7	11	7	7
9	3	6	2	7	2	5	2	5	0	5	1	3	3
10	3	2	5	5	3	4	3	3	2	0	2	0	3
11	2	2	7	5	2	3	2	2	2	4	0	3	3
12	0	1	2	5	0	2	5	2	1	4	0	3	2
13	2	5	6	12	3	3	2	3	3	2	2	2	4
14	1	0	5	2	0	3	5	0	2	3	4	6	3
15	2	3	1	2	2	2	2	5	0	3	2	5	2
16	5	5	1	2	4	3	2	2	2	4	0	3	3
17	0	3	2	1	2	0	4	5	0	2	2	2	2
18	7	9	9	3	2	0	7	0	2	3	2	4	4
19	0	0	5	9	5	2	2	3	2	2	2	3	3
20	4	0	1	0	0	0	2	0	2	3	2	7	2
21	3	5	4	5	2	0	2	3	2	4	2	3	3
22	3	5	0	5	3	2	4	0	3	0	3	0	2
23	4	2	0	2	3	3	2	3	3	0	4	0	2
24	4	2	2	2	2	3	3	3	3	0	3	0	2
25	2	5	1	0	7	5	7	2	1	1	3	3	2
26	0	3	4	4	0	0	8	3	0	3	0	3	2
27	0	0	4	5	4	1	0	2	6	3	3	2	2
28	2	1	5	2	2	0	6	2	2	0	7	2	3
29	6	2	3	4	7	5	4	0	1	2	2	5	3
30	3	5	3	0	2	2	4	1	0	0	3	4	2
31	5	2	2	2	0	2	0	3	0	2	2	2	2
MEAN	3	3	3	4	3	2	3	3	2	2	2	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - BRAMPTON PEEL NO 46038 MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	6	3	2	5	0	2	0	1	2	2	2
2	2	2	2	4	4	1	1	2	3	0	2	0	2
3	0	0	0	2	0	4	0	2	0	2	0	3	1
4	1	2	0	0	2	2	1	3	0	2	0	3	1
5	6	2	3	5	2	5	2	3	2	0	0	2	3
6	2	0	3	1	3	5	2	2	0	2	2	0	2
7	2	0	5	0	3	2	2	3	2	2	7	2	3
8	4	2	3	10	1	5	2	0	8	2	3	3	4
9	2	2	7	7	1	2	3	2	2	2	0	3	3
10	4	3	3	6	2	3	3	3	3	3	3	5	3
11	7	3	4	3	2	1	4	0	0	6	2	0	3
12	0	0	0	3	0	2	0	2	2	2	2	3	1
13	2	1	1	0	3	0	1	2	0	2	3	5	2
14	0	2	3	3	0	2	3	2	5	2	0	4	2
15	2	1	3	4	2	3	3	5	2	3	0	5	3
16	2	2	4	7	7	1	2	5	4	3	3	0	3
17	3	7	2	7	2	3	3	0	2	3	3	0	3
18	2	0	3	1	3	0	3	4	0	4	3	0	2
19	1	1	0	0	3	3	3	0	2	2	0	2	1
20	1	3	0	0	0	3	0	5	0	1	3	0	1
21	0	2	0	2	1	3	2	2	1	0	0	2	1
22	0	2	1	7	3	0	5	0	1	0	1	3	2
23	6	0	5	5	5	3	0	2	4	0	0	0	2
24	1	2	2	2	3	3	2	2	3	0	3	3	2
25	0	2	0	7	0	8	0	2	3	3	0	3	2
26	5	0	0	0	3	4	3	2	3	2	0	3	2
27	2	2	2	0	0	2	2	2	1	3	3	0	2
28	7	0	3	0	1	****	****	****	****	****	****	****	****
29													
30													
MEAN	2	2	2	3	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	****	0	0	0	2	5	0	5	3	0	2
3	2	9	0	7	3	5	9	5	12	3	3	2	5
4	3	2	0	0	0	0	0	0	0	0	2	0	1
5	0	4	0	0	2	0	0	0	0	2	3	2	1
6	2	2	3	3	2	2	2	0	1	4	4	2	2
7	6	5	5	2	2	3	3	5	5	0	6	0	4
8	4	2	4	3	3	4	3	2	5	9	8	8	5
9	2	4	4	9	3	2	2	4	5	4	2	7	4
10	2	3	3	0	2	3	4	2	0	2	0	0	2
11	2	2	2	0	2	2	0	0	6	3	7	0	2
12	1	3	0	3	2	3	0	2	2	3	0	2	2
13	0	2	3	2	2	0	3	2	2	3	0	2	2
14	3	5	9	4	7	4	5	3	5	0	2	2	4
15	2	3	2	0	8	2	2	4	5	0	3	3	3
16	0	3	3	2	0	2	1	2	1	2	2	2	2
17	3	3	2	2	2	3	0	5	0	4	2	0	2
18	3	5	0	0	5	0	0	2	2	2	3	0	2
19	2	0	2	2	1	0	5	0	3	2	0	2	2
20	1	3	4	2	2	0	3	2	0	2	2	0	2
21	0	7	0	3	2	0	2	2	0	4	0	3	2
22	2	2	0	3	2	0	2	3	2	3	2	2	2
23	2	9	3	3	0	2	0	2	2	8	2	9	4
24	2	2	8	3	2	1	3	0	4	3	2	2	3
25	2	3	4	2	4	2	6	4	7	0	5	4	4
26	4	2	3	0	2	2	2	0	5	3	2	5	3
27	4	9	5	5	3	2	5	0	3	2	2	2	4
28	0	5	0	2	6	3	4	1	0	1	0	3	2
29	2	2	2	0	2	3	1	5	0	3	5	5	3
30	5	8	5	7	2	3	2	2	3	3	2	3	4
31	5	2	3	0	0	2	****	****	****	****	****	****	****
MEAN	2	4	3	2	2	2	2	2	3	3	3	2	3

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	****	****	****	****	2	2	2	5	3	3	2	4	3
15	4	4	5	6	7	7	3	4	4	0	3	5	4
16	4	4	2	5	4	7	3	2	0	0	2	3	3
17	0	0	0	4	5	2	3	3	4	0	2	2	2
18	0	2	0	5	3	5	2	5	3	3	0	0	2
19	0	0	2	4	3	2	3	5	3	5	5	5	3
20	0	2	0	4	2	2	1	4	1	0	2	3	2
21	0	7	5	2	0	0	2	0	0	0	2	2	2
22	4	2	0	6	1	6	2	1	1	5	0	5	3
23	0	2	3	2	2	0	3	3	2	4	0	0	2
24	0	0	0	4	0	3	2	2	0	3	3	6	2
25	0	3	1	3	0	4	0	3	0	2	4	3	2
26	1	2	2	7	3	0	0	2	2	2	0	2	2
27	0	4	0	4	2	2	0	5	0	1	2	0	2
28	2	3	5	6	5	5	2	2	0	0	0	0	3
29	2	0	0	2	0	0	1	0	1	0	2	5	1
30	0	0	0	2	3	0	0	2	0	2	0	0	1
31	2	0	2	2	2	2	3	2	2	1	2	1	2
MEAN	1	2	2	4	2	2	2	3	2	2	2	3	2

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX							UNITS - COHS/1000FEET X 10						
STATION - BRAMPTON PEEL							NO 46038						
							MONTH SEP 70						
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	0	0	2	0	0	0	2	2	0	1
2	1	3	5	2	1	2	2	0	2	3	2	3	2
3	2	2	3	6	3	0	3	2	4	0	2	2	2
4	1	0	2	1	2	1	4	2	2	2	5	3	2
5	1	0	1	0	2	2	0	0	0	2	1	2	1
6	0	2	0	0	0	0	1	0	2	0	3	2	1
7	0	0	0	2	2	0	2	0	0	2	0	2	1
8	2	1	0	3	2	3	3	1	2	4	2	2	2
9	0	3	2	0	2	1	0	1	2	4	0	2	1
10	0	1	1	3	2	2	2	0	0	3	0	0	1
11	0	0	1	2	0	0	0	0	0	2	3	5	1
12	2	2	2	0	2	1	0	4	0	2	1	0	1
13	0	1	1	3	1	2	0	1	0	0	3	3	1
14	0	2	2	0	2	0	0	2	0	2	0	0	1
15	0	4	1	0	2	0	1	2	2	2	2	1	1
16	0	2	2	1	0	2	5	2	3	3	2	0	2
17	2	2	3	2	2	5	2	4	5	0	3	3	3
18	2	2	3	7	2	2	2	6	4	2	3	3	3
19	0	0	0	1	2	0	2	2	3	1	6	3	2
20	3	3	3	2	2	0	0	2	5	3	3	2	2
21	5	6	7	3	2	4	2	3	3	0	1	2	3
22	3	0	7	6	5	0	3	4	0	1	3	2	3
23	0	2	2	2	1	3	0	0	0	0	4	6	2
24	2	2	4	0	1	1	2	0	6	2	2	0	2
25	2	6	9	5	0	7	2	3	2	2	8	4	4
26	4	3	4	3	7	0	4	3	3	0	0	3	3
27	1	1	0	0	1	2	0	1	3	2	2	0	1
28	2	2	6	3	0	0	2	3	4	2	0	0	2
29	0	2	4	2	0	2	2	3	0	2	0	2	2
30	2	2	5	2	0	2	2	0	0	0	2	2	2
MEAN	1	2	3	2	2	2	2	2	2	2	2	2	2
PERCENTAGE OF DATA VALID - 100													

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH													
POLLUTANT - PARTICULATES - SOILING INDEX													
STATION - BRAMPTON PEEL													
NO 46038													
MONTH OCT 70													
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	1	4	1	1	2	3	3	2	2	2	2
2	3	9	12	6	3	4	3	3	2	3	0	2	4
3	3	0	3	2	3	2	0	2	0	3	0	2	2
4	2	0	2	1	2	0	0	0	0	2	3	2	1
5	0	3	5	5	6	4	2	3	1	2	2	3	3
6	3	2	5	2	2	1	3	1	0	4	1	4	2
7	7	6	5	5	3	2	3	4	4	3	5	5	4
8	4	5	7	7	8	2	3	0	3	3	4	4	4
9	3	3	2	0	2	0	****	****	****	****	****	****	****
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	2	1	0	3	2	2	2	****
27	0	3	4	2	2	2	3	1	1	0	2	0	2
28	0	2	1	2	1	1	4	1	5	4	1	3	2
29	4	2	1	2	2	3	3	3	2	4	2	3	3
30	1	1	2	4	2	2	2	3	7	0	2	4	3
31	7	2	2	1	2	1	4	2	2	0	7	6	3
MEAN	3	3	4	3	3	2	2	2	2	2	2	3	

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	5	3	1	1	0	2	2	5	5	7	3	3
2	2	4	1	2	0	3	2	0	4	2	2	2	2
3	2	2	1	0	4	0	1	2	2	0	1	1	1
4	2	0	2	2	4	2	1	0	2	3	2	2	2
5	4	0	2	0	2	2	0	0	2	2	2	0	2
6	1	2	4	1	3	2	4	2	2	2	0	2	1
7	1	2	0	2	2	1	1	1	1	2	0	0	1
8	2	2	2	3	0	2	2	2	1	8	9	5	3
9	6	3	3	3	8	4	4	4	5	5	2	3	4
10	2	2	2	5	5	1	5	0	1	4	2	3	3
11	3	1	2	4	2	4	4	0	4	5	3	2	3
12	3	2	2	2	1	2	1	1	0	2	1	1	2
13	0	0	2	2	0	2	0	2	0	2	1	3	1
14	2	2	1	0	0	0	0	3	0	2	1	0	1
15	3	0	1	1	1	1	4	3	2	2	3	2	2
16	3	0	2	3	2	3	3	0	3	2	3	3	2
17	2	4	2	4	1	3	2	3	4	3	8	6	4
18	4	4	7	7	13	15	2	0	3	6	4	1	6
19	5	3	6	4	11	12	4	4	3	5	6	9	5
20	6	3	3	4	2	5	2	3	2	0	2	0	3
21	0	0	0	1	2	0	3	0	3	1	4	1	1
22	2	2	2	2	2	4	0	2	2	0	0	1	2
23	1	0	2	3	2	1	2	3	3	3	2	2	2
24	3	0	2	2	2	2	2	2	2	4	2	2	3
25	5	0	2	4	2	3	3	2	5	3	4	5	3
26	2	4	4	4	4	5	5	6	7	3	3	3	4
27	4	6	3	8	7	3	10	5	3	4	2	0	1
28	1	0	0	4	2	1	0	1	0	1	4	0	1
29	3	0	2	2	5	1	****	****	****	****	****	****	****
30							- DATA MISSING -						
MEAN	3	2	2	3	3	3	2	2	2	3	3	2	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	****	****	****	****	****	****	****	2	2	5	3	2	****
2	2	0	2	2	3	0	0	1	0	3	2	3	2
3	1	2	3	9	3	2	5	1	3	3	5	0	3
4	2	1	3	5	2	0	3	3	0	3	7	6	3
5	3	2	0	0	5	2	3	3	0	1	4	0	2
6	0	2	4	3	0	0	3	2	7	0	2	2	2
7	2	1	3	3	2	4	3	3	5	2	4	4	3
8	7	9	7	6	3	5	1	6	4	5	9	7	6
9	2	3	1	2	****	4	7	3	2	2	5	3	3
10	0	2	2	2	7	5	2	3	5	2	3	2	3
11	0	3	0	2	0	7	2	0	7	3	5	0	2
12	0	2	0	2	3	2	2	2	2	5	1	0	2
13	0	2	2	2	3	3	3	1	4	2	1	3	2
14	7	3	3	2	7	2	2	3	3	2	7	5	4
15	5	3	3	9	9	2	7	6	3	3	2	3	5
16	0	2	0	3	5	2	3	3	5	5	9	3	3
17	5	2	1	6	3	2	4	8	6	5	2	2	4
18	0	5	2	6	3	0	3	6	3	3	5	6	4
19	7	9	5	5	8	3	4	2	0	2	0	2	4
20	1	0	2	3	3	3	5	0	2	5	3	2	2
21	4	0	1	3	2	5	1	2	4	3	0	0	2
22	3	3	7	2	3	1	3	7	5	6	3	4	4
23	0	5	2	3	4	2	5	4	9	2	3	3	4
24	5	2	0	4	9	2	3	3	0	3	2	2	3
25	3	2	7	3	4	5	3	2	7	5	5	5	4
26	7	5	8	2	9	2	2	3	7	5	0	7	5
27	4	4	0	3	5	6	2	2	6	6	2	0	3
28	2	5	2	5	3	****	4	4	3	1	5	9	4
29	3	4	9	13	6	2	4	7	9	1	4	4	5
30	1	5	3	9	5	3	4	9	14	7	11	12	7
31	4	11	7	2	0	3	3	3	1	4	2	3	4
MEAN	3	3	3	4	4	3	3			3	4	3	3

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BRAMPTON PEEL

NO 46038

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6	9	16
FEB	28	4	8	18
MAR	31	3	5	10
APR	30	3	6	13
MAY	31	3	7	12
JUN	28	2	4	10
JUL	30	3	5	12
AUG	18	2	4	7
SEP	30	2	4	9
OCT	15	3	4	12
NOV	29	3	6	15
DEC	31	3	7	14
YEAR	332	3	9	18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - BRAMPTON PEEL

NO 46038

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	180	161	28	2	0	0	0	371
FEB	224	98	10	4	0	0	0	336
MAR	301	68	0	0	0	0	0	369
APR	276	80	3	0	0	0	0	359
MAY	297	73	2	0	0	0	0	372
JUN	292	37	0	0	0	0	0	329
JUL	293	57	1	0	0	0	0	351
AUG	183	29	0	0	0	0	0	212
SEP	333	27	0	0	0	0	0	360
OCT	147	21	1	0	0	0	0	169
NOV	298	41	3	0	0	0	0	342
DEC	258	100	5	0	0	0	0	363
YEAR	3082	792	53	6	0	0	0	3933

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.4	1.2	1.9	3.3	5.9	7.5	9.5	11.5	18	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11	****	****	****	****	****	****	4	4	1	2	2	1	****
12	4	6	2	4	1	2	1	4	0	4	1	1	3
13	1	1	0	0	0	0	2	1	2	2	4	4	1
14	1	4	0	1	0	0	1	2	1	1	1	1	1
15	0	1	0	1	1	0	1	1	1	0	0	1	1
16	4	1	2	4	0	1	1	0	6	1	1	0	2
17	0	2	2	1	1	0	0	2	2	1	1	12	2
18	8	6	4	2	2	4	4	4	****	****	****	****	4
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	3	3	1	2	1	1	2	2	2	2	1	3	2
PERCENTAGE OF DATA VALID -													23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	4	0		1	6	4	****
4	4	2	2	0	0	2	2	1	0	1	2	2	2
5	6	6	1	0	2	2	2	1	1	4	2	2	2
6	2	4	2	8	4	4	2	2	2	4	4	3	2
7	4	1	4	2	2	1	1	1	1	4	4	2	2
8	12	10	4	6	2	4	0	6	1	6	1	4	5
9	2	2	2	0	4	1	0	1	2	0	1	1	1
10	1	0	1	2	2	1	0	2	0	2	2	1	1
11	1	0	1	2	0	1	0	2	1	1	0	1	1
12	0	0	1	1	2	1	1	1	2	2	1	6	2
13	2	2	1	2	1	1	1	1	4	1	2	0	2
14	2	1	6	4	6	4	4	2	6	0	4	4	4
15	2	4	2	1	4	6	2	2	1	1	1	6	3
16	4	6	2	2	1	4	4	6	8	2	4	12	5
17	16	16	8	4	4	0	1	0	1	2	2	1	5
18	1	0	4	2	2	2	1	1	2	0	2	2	1
19	2	0	0	0	1	0	2	0	1	0	2	0	1
20	1	1	6	1	1	0	1	1	12	12	8	6	4
21	4	6	1	1	0	0	12	1	2	4	1	1	3
22	2	2	2	0	1	2	0	1	2	3	2	4	2
23	4	2	1	6	1	0	1	0	1	2	2	6	2
24	8	8	6	2	2	1	0	2	6	4	8	4	4
25	4	2	2	1	0	2	1	2	0	4	2	4	2
26	4	4	1	4	2	1	0	6	1	4	14	14	5
27	6	1	4	1	4	2	****	****	****	****	****	****	****
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	4	3	3	2	2	2	2	2	2	2	3	4	3
PERCENTAGE OF DATA VALID -													80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - HIGHWAY 7 AND 400 TORONTO NO 48001 MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4													
5													
6	****	****	****	****	****	****			1	1	1	2	****
7	4	2	0	0	1	4	4	2	1	2	2	0	2
8	5	10	8	6	6	8	6	8	10	2	6	0	6
9	7	4	6	1	1	1	2	1	1	2	4	1	3
10	4	2	2	6	2	1	2	2	0	2	2	2	2
11	1	1	0	2	2	1	2	2	1	4	4	2	2
12	2	1	1	3	2	2	1	4	2	1	2	1	2
13	2	2	0	12	****	1	8	0	7	0	1	1	3
14	2	1	3	0	2	3	0	5	3	5	1	6	3
15	2	2	3	5	1	0	5	5	3	2	7	7	4
16	5	5	8	6	9	2	4	0	0	3	0	3	4
17	3	1	1	3	0	1	2	0	2	2	2	0	1
18	0	0	0	0	0	1	0	3	0	3	3	5	1
19	5	5	8	6	0	2	0	0	1	0	0	3	3
20	4	0	0	0	1	1	0	0	0	2	4	4	1
21	14	5	4	3	3	7	4	5	3	5	8	11	6
22	16	6	2	2	1	0	4	7	0	5	6	1	4
23	0	0	2	2	4	2	0	5	0	2	3	2	2
24	4	3	2	0	0	0	0	4	0	2	4	1	2
25	6	0	0	2	13	11	8	4	5	3	0	3	5
26	0	0	0	3	0	0	4	1	3	1	0	0	1
27	4	0	0	0	0	1	0	0	0	0	0	3	1
28	2	1	2	2	0	1	0	7	5	1	2	5	2
29	4	3	3	2	2	1	5	0	0	4	2	0	2
30	0	6	7	4	3	4	1	0	3	3	5	8	4
31	11	0	6	2	5	4	1	2	0	3	0	4	3
MEAN	4	2	3	3	2	2	2	3	2	2	3	3	3

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - HIGHWAY 7 AND 400 TORONTO NO 48001 MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	7	9	6	4	1	0	1	0	4	3	10	5
2	8	12	4	8	5	3	0	3	2	0	2	0	4
3	0	3	0	2	0	0	0	7	3	2	2	4	2
4	0	2	2	7	5	5	0	3	3	4	5	3	3
5	8	3	3	3	0	2	0	2	2	0	0	1	2
6	1	0	1	0	1	0	1	3	0	6	0	0	1
7	0	0	3	10	6	2	2	0	1	3	6	6	2
8	9	6	5	10	6	2	3	0	0	5	5	2	4
9	10	5	6	2	4	2	3	0	7	5	5	8	5
10	3	8	4	4	3	7	4	0	2	4	4	8	4
11	5	9	6	7	4	5	3	2	2	4	5	2	5
12	0	2	2	2	4	2	0	0	4	0	1	0	1
13	0	0	0	1	0	4	4	3	1	2	4	7	2
14	4	5	7	4	2	2	2	2	1	2	2	5	3
15	2	2	5	5	8	6	8	5	2	4	6	5	5
16	7	9	3	3	2	9	7	7	3	4	3	6	5
17	7	3	4	10	12	12	9	9	5	4	2	4	7
18	5	1	2	4	4	2	5	3	1	0	1	0	2
19	4	2	0	0	2	0	2	1	1	1	1	2	1
20	2	2	2	0	0	3	1	2	2	0	2	2	2
21	0	2	0	1	2	0	2	2	1	0	2	0	1
22	2	0	1	2	4	2	0	0	1	0	4	1	1
23	2	0	0	0	1	6	3	0	2	3	2	5	2
24	2	2	8	5	3	4	10	5	5	6	4	5	5
25	6	0	1	1	2	4	1	0	0	2	2	0	2
26	2	5	2	5	5	3	4	2	0	2	7	3	3
27	2	0	2	4	0	2	1	0	1	1	0	3	1
28	0	0	1	0	1	0	0	1	0	3	0	4	1
29	0	2	0	2	2	2	11	5	3	1	2	3	3
30	0	1	2	2	2	0	2	2	0	2	2	0	1
MEAN	3	3	3	3	3	3	3	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	0	0	1	3	2	3	6	2	7	3
2	2	2	3	3	2	2	1	5	1	1	3	6	3
3	4	3	6	8	5	5	5	12	12	9	6	6	7
4	10	10	6	1	3	4	2	0	0	1	2	0	3
5	3	2	0	1	0	0	1	0	2	2	0	4	1
6	2	0	2	0	1	1	0	0	0	0	0	0	0
7	2	0	6	4	2	3	2	2	4	2	4	2	3
8	3	4	2	7	8	6	8	2	6	7	6	9	6
9	6	5	4	7	5	8	1	5	4	3	5	2	5
10	3	3	2	2	4	2	5	4	7	8	0	4	4
11	5	3	3	1	2	0	0	2	0	3	3	1	2
12	2	1	3	2	3	2	2	5	3	2	0	3	2
13	0	4	4	3	4	3	2	2	1	2	2	2	2
14	5	1	3	4	9	12	4	10	11	6	3	4	6
15	0	4	2	4	4	2	3	4	2	3	2	0	3
16	1	2	4	3	2	2	1	0	2	4	2	0	2
17	6	5	4	6	2	5	2	0	2	0	0	1	3
18	2	2	0	0	2	1	0	0	1	0	2	0	1
19	2	2	2	2	0	1	4	0	2	3	2	1	2
20	4	1	2	3	2	2	0	2	1	2	2	1	2
21	0	1	4	0	****	0	0	0	0	2	0	3	1
22	2	0	0	1	1	0	6	6	2	0	1	0	2
23	7	2	4	6	2	2	0	2	0	0	0	2	2
24	3	7	3	3	5	2	5	2	3	2	4	7	4
25	2	3	0	0	2	0	2	3	2	3	2	5	2
26	3	3	3	0	4	3	2	0	0	3	0	3	2
27	0	9	9	7	3	0	0	0	5	1	7	3	4
28	2	0	7	7	0	0	0	0	3	3	2	0	3
29	0	5	0	2	3	7	8	2	2	3	0	5	3
30	7	5	3	1	1	4	1	4	2	3	4	5	3
31	0	0	5	5	2	4	3	2	0	0	2	0	2
MEAN	3	3	3	3	3	3	2	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	0	0	0	0	3	0	0	3	1	3	0	1
2	1	0	1	0	1	2	0	3	0	0	2	0	1
3	3	0	2	0	2	0	0	0	1	3	0	1	1
4	2	2	0	0	0	3	0	1	3	0	4	3	2
5	2	2	5	0	2	0	1	0	0	0	0	5	1
6	2	4	0	2	2	2	0	0	0	4	2	0	2
7	0	1	0	2	4	1	3	0	2	0	2	2	1
8	3	2	3	3	2	0	0	1	0	5	1	0	2
9	2	2	2	0	1	1	0	2	5	0	0	1	1
10	2	0	4	5	3	0	0	0	2	2	2	1	2
11	2	2	0	0	0	2	0	0	0	2	0	0	1
12	0	0	0	0	4	0	2	1	0	2	3	0	1
13	3	0	5	0	0	0	0	4	0	0	5	0	1
14	0	1	2	0	3	0	2	0	0	0	3	0	1
15	3	2	2	5	0	2	0	0	0	7	4	1	2
16	2	5	0	0	0	2	2	2	0	0	0	1	1
17	2	0	2	0	0	0	3	0	0	0	2	0	1
18	0	2	0	2	0	2	0	1	2	0	3	0	1
19	4	2	2	0	4	2	1	2	0	0	5	0	2
20	2	1	0	2	1	0	1	0	3	0	4	0	1
21	1	2	0	0	2	2	0	0	0	0	0	2	1
22	0	2	0	2	0	2	0	0	2	0	2	0	1
23	1	2	0	2	2	0	0	1	2	1	3	0	1
24	0	1	4	0	2	0	1	0	0	2	0	0	1
25	0	0	0	0	0	0	1	0	2	4	1	0	1
26	0	0	1	2	0	0	2	0	0	4	0	1	1
27	0	0	0	2	0	1	2	0	0	0	5	0	1
28	1	1	2	2	2	2	2	0	2	1	1	2	2
29	2	2	0	0	2	1	1	0	0	0	3	0	1
30	3	4	6	5	4	3	5	4	6	1	4	1	4
31	1	0	0	0	2	2	2	0	0	0	1	2	1
MEAN	2	1	1	1	1	1	1	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	1	1	0	0	0	1	2	2	0	2	1
2	0	4	0	4	2	0	****	****	****	****	****	****	****
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	1	3	1	3	1	0	0	1	2	2	0	2	1
PERCENTAGE OF DATA VALID -			5										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	****	****	****	0	1	0	2	****
17	2	5	3	1	0	2	1	1	4	7	9	3	3
18	0	4	0	1	2	1	3	2	0	0	2	0	1
19	2	1	2	5	1	1	0	2	0	2	3	5	2
20	5	2	1	2	8	9	5	3	4	3	3	1	4
21	3	2	6	6	4	2	3	3	4	3	2	3	3
22	4	2	4	3	2	2	2	2	1	1	0	3	2
23	2	0	****	0	0	2	3	****	****	****	****	****	****
24							- DATA MISSING -						
25							- DATA MISSING -						
26	****	****	****	****	****	****	****	****	0	4	0	2	****
27	0	4	4	5	1	1	2	0	2	2	2	2	2
28	3	3	5	5	1	3	2	4	2	5	1	4	3
29	0	2	6	3	0	0	4	1	3	3	1	0	2
30	6	0	3	1	0	2	2	5	4	5	10	1	3
31	1	1	2	2	0	2	2	4	2	7	****	****	2
MEAN	2	2	3	3	2	2	2	2	2	3	3	2	2
PERCENTAGE OF DATA VALID -													38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	0	****	****	0	4	3	3	3	2	4	2
3	2	2	1	1	0	3	0	3	0	2	2	2	2
4	2	2	1	0	1	2	1	0	0	0	0	0	1
5	2	2	0	0	1	0	0	2	2	0	0	1	1
6	0	5	0	2	2	2	0	0	3	3	2	0	2
7	3	5	1	2	2	1	0	0	1	3	0	0	2
8	0	0	2	2	3	1	1	2	0	0	0	0	1
9	3	7	4	1	3	2	2	3	6	5	2	2	3
10	****	****	****	****	3	7	4	5	0	4	2	4	4
11	3	3	12	8	9	2	3	2	5	3	1	3	5
12	2	2	1	0	2	0	2	3	0	0	0	0	1
13	0	1	0	2	0	0	0	2	0	3	0	0	1
14	1	2	2	0	0	0	0	0	1	0	1	2	1
15	0	0	3	1	0	0	3	0	0	0	0	0	1
16	3	2	0	2	0	3	2	0	2	2	3	3	2
17	****	****	****	2	3	2	0	2	3	0	4	5	2
18	9	5	5	5	7	4	0	4	1	2	3	5	4
19	3	8	4	8	7	10	3	5	4	11	10	9	7
20	13	9	7	3	6	4	5	3	0	2	0	4	5
21	1	0	0	5	0	0	2	0	3	2	0	1	1
22	5	7	5	2	3	3	4	2	4	4	3	2	4
23	0	5	0	2	1	2	2	2	2	0	3	3	2
24	4	0	****	****	****	****	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	3	3	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO

NO 48001

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3	****	****	****	****	****	****	****	5	0	2	2	2	****
4	2	2	3	2	0	2	4	0	2	4	2	1	2
5	2	0	0	0	5	5	15	5	1	3	0	0	3
6	0	0	2	2	2	0	3	0	2	0	3	0	1
7	0	0	0	0	0	0	0	0	2	1	2	8	1
8	2	5	7	5	13	9	6	5	4	11	6	9	7
9	9	6	0	9	2	0	4	3	3	3	2	****	4
10	****	****	****	5	2	1	2	3	0	0	2	4	2
11	0	0	2	0	4	0	5	4	3	2	2	0	2
12	1	0	3	2	0	2	2	3	0	0	2	2	1
13	7	0	0	0	2	3	2	0	0	0	2	2	2
14	2	2	0	2	3	7	10	9	3	0	1	4	4
15	4	2	2	3	10	3	2	5	7	5	5	2	4
16	5	0	2	2	2	2	2	2	3	4	0	4	2
17	****	****	****	****	6	1	0	5	0	1	3	2	2
18	2	2	7	0	3	2	0	5	12	4	0	3	3
19	7	3	2	5	4	5	10	5	11	6	4	2	5
20	0	2	1	1	0	0	1	2	3	1	0	0	1
21	0	0	3	0	2	2	2	0	0	0	4	1	1
22	0	4	3	0	0	3	1	0	0	2	0	2	1
23	1	2	1	0	1	2	1	1	1	2	2	2	2
24	2	0	2	6	2	2	0	0	1	3	0	2	2
25	0	0	0	2	2	3	2	3	3	3	3	2	3
26	0	3	3	4	0	5	2	2	4	4	4	2	2
27	1	3	0	3	1	4	0	0	4	4	2	0	2
28	1	0	0	3	2	2	0	0	2	2	0	0	1
29	0	1	3	2	5	0	2	0	2	2	1	0	2
30	2	2	1	2	4	0	2	2	2	0	2	2	2
31	2	2	2	5	1	3	2	0	0	2	2	1	2
MEAN	2	2	2	2	3	2	3	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - HIGHWAY 7 AND 400 TORONTO NO 48001

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR	8	2	4	12
APR	25	3	5	16
MAY	26	3	6	16
JUN	30	3	7	12
JUL	31	3	7	12
AUG	31	1	4	7
SEP	2	1	1	4
OCT	14	2	4	10
NOV	23	2	7	13
DEC	29	2	7	15
YEAR	219	2	7	16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - HIGHWAY 7 AND 400 TORONTO NO 48001

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR	81	4	1	0	0	0	0	86
APR	247	32	7	2	0	0	0	288
MAY	242	56	6	1	0	0	0	305
JUN	276	80	4	0	0	0	0	360
JUL	299	68	4	0	0	0	0	371
AUG	356	16	0	0	0	0	0	372
SEP	18	0	0	0	0	0	0	18
OCT	123	21	0	0	0	0	0	144
NOV	220	32	3	0	0	0	0	255
DEC	285	43	5	0	0	0	0	333
YEAR	2147	352	30	3	0	0	0	2532

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
68	0	0.2	0.7	1.4	2.4	4.9	6.7	9.0	11.0	16	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25	6	2	0	1	5	2	2	5	3	5	1	2	3
26	4	1	10	10	5	6	2	0	7	0	4	2	4
27	7	0	6	0	2	1	7	7	6	6	9	6	5
28	3	4	2	10	8	6	5	4	2	1	6	7	5
29	4	2	9	3	0	0	2	6	3	4	4	4	3
30	6	3	5	3	8	2	2	3	3	4	0	5	4
MEAN	5	2	5	5	5	3	3	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	2	5	3	1	3	7	2	3	0	5	3	4
2	2	1	3	4	2	2	2	0	0	0	3	3	2
3	4	6	2	3	2	0	0	4	3	0	1	6	3
4	0	4	0	0	0	2	0	1	2	2	2	0	1
5	2	6	8	2	2	2	0	1	4	5	3	0	3
6	0	3	0	2	2	1	1	4	4	0	0	4	2
7	0	3	7	2	4	2	0	0	2	2	2	7	3
8	7	5	3	1	0	0	1	2	4	2	8	7	3
9	4	2	3	5	2	4	0	0	0	0	3	2	2
10	5	8	3	0	2	6	5	8	8	2	0	5	4
11	0	2	2	4	3	6	7	2	6	5	0	0	3
12	3	3	0	6	0	0	0	2	6	2	6	4	3
13	3	0	0	3	6	6	4	3	3	0	1	0	3
14	2	3	2	1	4	1	4	3	2	0	3	2	2
15	2	3	0	0	6	1	2	5	6	4	3	2	3
16	5	3	6	7	3	1	4	4	2	0	2	1	3
17	3	5	3	4	2	2	2	7	3	5	2	5	4
18	1	3	0	3	6	2	0	4	0	1	4	2	2
19	3	2	4	2	2	1	5	2	6	9	5	7	4
20	2	0	2	2	2	2	0	0	0	2	1	5	2
21	2	5	6	0	0	0	2	2	2	3	10	3	3
22	3	1	4	4	6	3	3	6	3	2	0	0	3
23	2	4	2	2	2	3	0	0	0	2	8	2	2
24	4	2	3	0	1	6	2	5	2	0	2	0	2
25	2	1	7	4	3	0	3	2	3	2	2	3	2
26	2	2	0	2	3	1	0	4	4	0	8	3	2
27	1	2	4	2	0	1	2	3	0	2	8	8	1
28	2	2	4	2	4	2	0	4	1	3	0	2	2
29	8	5	1	2	3	2	2	1	2	3	2	5	3
30	7	1	2	2	1	2	0	1	5	2	2	2	2
31	5	2	2	3	3	7	5	3	4	0	4	1	3
MEAN	3	3	3	2	2	2	2	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 797 PRINCESS ST KINGSTON NO 52015 MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	4	0	2	3	2	8	5	2	2	8	4
2	4	0	2	0	3	2	3	2	1	3	1	0	2
3	3	2	1	2	2	1	3	2	4	3	4	2	3
4	4	2	1	0	2	1	2	2	2	2	2	0	2
5	0	0	2	4	4	1	2	4	4	1	3	2	2
6	0	1	2	2	5	1	2	6	0	5	7	3	3
7	0	5	0	3	0	2	0	3	2	3	0	3	2
8	3	1	6	4	2	5	2	4	8	4	4	5	4
9	4	2	4	7	8	7	6	7	5	2	1	5	5
10	7	3	2	3	7	6	9	7	5	9	5	6	6
11	7	6	6	1	8	10	11	2	2	4	3	1	5
12	3	1	2	4	0	2	1	1	5	1	0	0	2
13	3	0	0	5	0	0	0	1	4	0	0	3	1
14	2	0	2	3	3	1	3	0	0	2	8	7	3
15	3	2	1	0	0	4	2	2	5	0	2	1	2
16	0	6	2	2	2	1	2	0	0	6	2	2	2
17	2	3	5	2	2	0	2	2	0	2	0	4	2
18	2	2	3	4	2	4	2	0	2	0	2	4	2
19	3	2	6	0	3	1	0	1	4	0	2	0	2
20	4	2	****	****	****	****	****	****	****	****	****	****	****
21							- DATA MISSING -						
22	****	****	****	****	****	****	****	****	****	3	0	3	****
23	2	3	6	5	2	2	4	0	5	2	2	0	3
24	2	2	1	0	5	5	5	3	2	2	2	2	3
25	3	0	3	0	2	4	2	1	0	0	0	1	1
26	2	3	5	3	2	3	6	2	1	3	2	2	3
27	0	3	0	0	3	3	0	0	2	0	2	5	2
28	0	4	2	3	0	2	0	5	2	0	0	5	1
29	0	0	2	0	0	2	0	0	2	3	5	0	1
30	2	2	2	3	0	3	0	5	2	0	5	7	2
MEAN	3	2	3	2	3	3	3	2	3	2	2	3	2

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 797 PRINCESS ST KINGSTON NO 52015 MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	3	2	1	0	0	0	4	0	2	2	2	2
2	0	2	0	2	0	0	2	0	0	0	1	0	1
3	3	4	4	3	2	5	3	2	2	2	5	5	3
4	2	2	0	4	2	1	1	2	0	3	0	3	2
5	0	2	2	0	2	0	1	0	2	0	7	3	2
6	3	2	0	3	3	0	8	1	2	0	0	2	2
7	2	0	3	3	3	2	1	2	0	0	0	3	2
8	6	2	1	0	5	3	2	3	0	0	0	3	3
9	2	3	2	2	3	4	3	4	1	0	6	0	3
10	3	5	3	7	2	1	3	0	0	2	0	3	2
11	6	7	3	2	3	1	0	2	3	0	0	2	2
12	3	0	2	5	0	0	3	2	3	2	4	0	2
13	0	0	0	0	3	5	0	0	4	2	1	2	1
14	3	0	0	2	1	7	3	3	2	3	4	5	3
15	5	0	7	2	5	4	2	2	0	2	3	2	3
16	2	3	2	0	2	2	3	0	0	0	4	3	2
17	3	2	0	0	6	2	3	3	3	0	0	4	3
18	1	2	2	0	3	1	2	2	3	0	1	2	1
19	2	0	0	3	2	1	0	2	3	1	0	0	2
20	3	2	0	3	6	3	0	4	0	1	3	2	2
21	0	0	0	2	4	2	2	3	2	2	2	1	2
22	5	2	5	0	2	2	3	2	0	5	2	5	3
23	0	5	3	6	3	0	2	2	3	2	5	8	3
24	7	5	9	5	1	0	2	0	2	0	7	2	3
25	5	3	3	3	0	2	0	0	4	2	2	2	2
26	0	3	5	3	5	5	3	2	2	4	2	3	3
27	5	2	0	3	8	2	5	3	0	4	4	4	3
28	0	3	2	6	3	3	6	4	2	5	3	3	3
29	7	0	5	3	3	3	3	4	0	1	0	0	2
30	2	3	5	2	3	3	3	0	5	1	0	0	2
31	3	3	0	2	2	3	1	0	2	7	3	3	2
MEAN	3	2	2	2	3	2	2	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	7	3	3	2	2	2	3	0	2	0	0	2	2
2	4	1	1	3	0	0	0	1	2	0	3	0	1
3	3	1	0	0	5	2	2	0	2	0	0	2	1
4	3	3	3	2	0	0	0	2	2	0	0	3	2
5	0	2	3	5	5	1	1	2	0	0	2	0	2
6	2	5	5	3	3	0	0	2	2	0	0	7	2
7	0	3	3	2	2	0	0	0	3	1	0	2	1
8	0	3	5	3	3	0	1	3	0	3	2	0	2
9	2	3	0	5	2	2	0	3	0	2	3	2	2
10	2	2	2	0	3	1	1	0	0	4	1	5	2
11	1	3	2	2	0	3	0	3	2	0	0	2	2
12	2	0	5	4	3	0	3	7	0	1	2	2	2
13	2	7	2	2	2	3	2	0	0	3	0	2	2
14	2	3	2	6	3	****	****	****	****	****	****	****	****
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	2	3	3	3	2	1	1	2	1	1	1	2	2

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15	****	****	****	****	****	2	2	5	3	2	1	****	
16	2	0	0	3	5	7	5	0	4	5	0	5	3
17	2	4	5	2	4	3	2	2	2	7	3	4	3
18	3	2	2	5	3	3	0	3	7	3	5	2	3
19	0	1	1	3	0	3	5	0	10	7	9	10	4
20	5	2	3	5	8	5	3	5	2	5	2	1	4
21	1	2	0	1	3	0	5	3	3	2	3	3	2
22	0	2	2	0	7	3	8	7	7	5	5	2	4
23	2	0	4	2	3	7	5	3	5	7	2	2	4
24	3	2	0	1	0	2	0	0	3	0	2	0	1
25	0	0	5	0	2	5	7	3	0	4	0	0	2
26	3	0	3	2	3	2	6	3	7	3	7	5	4
27	3	2	1	3	2	3	3	2	5	2	5	3	3
28	2	0	4	2	5	2	5	2	2	11	5	4	4
29	3	0	2	0	0	3	3	4	3	7	5	6	3
30	1	2	6	4	2	2	5	3	3	9	2	5	4
31	2	3	2	2	4	4	7	2	5	0	3	2	3
MEAN	2	2	2	2	3	3	4	3	4	5	4	3	3

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 797 PRINCESS ST KINGSTON NO 52015 MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	1	2	0	3	2	4	8	5	3	3	2	3
2	2	2	3	0	2	0	7	9	3	4	2	2	3
3	0	3	2	2	0	2	4	3	2	3	4	2	3
4	0	4	3	2	***	2	7	7	9	5	5	6	5
5	0	6	3	2	6	3	1	3	5	5	0	5	3
6	0	0	0	0	10	3	7	2	2	2	0	4	3
7	0	2	0	2	2	2	2	2	2	4	2	2	2
8	0	0	3	2	2	0	4	3	1	12	7	6	3
9	0	0	2	3	8	6	4	3	6	4	9	7	4
10	0	0	5	5	5	3	3	3	6	3	0	4	3
11	0	0	3	2	5	9	11	9	10	8	6	6	6
12	0	0	2	8	2	2	4	3	8	9	7	0	4
13	0	0	2	2	4	4	5	2	6	2	0	3	3
14	0	0	3	0	4	4	4	3	2	4	2	5	3
15	0	0	1	7	7	15	1	3	3	5	7	3	4
16	0	0	0	2	5	3	7	3	3	7	2	5	3
17	0	3	2	1	2	4	5	7	3	14	11	2	3
18	0	0	5	5	5	7	7	4	7	9	7	3	5
19	0	0	2	3	6	7	9	10	9	21	15	9	8
20	0	2	7	1	4	5	3	5	7	3	5	2	4
21	0	0	2	2	0	1	2	2	1	0	1	3	1
22	0	0	2	0	2	4	5	3	3	3	2	4	2
23	0	0	2	3	9	7	14	8	16	13	5	5	7
24	2	0	2	5	9	13	26	12	7	6	6	6	8
25	0	0	7	8	19	19	7	4	21	3	2	2	8
26	0	0	0	2	3	2	3	9	6	12	7	0	4
27	0	0	1	7	5	7	7	12	9	11	13	6	6
28	3	9	8	1	5	5	5	11	7	7	9	0	6
29	3	6	0	0	0	0	7	3	2	0	5	0	3
30	0	1	5	9	9	7	5	5	4	12	3	0	5
MEAN	0	1	3	3	5	5	6	5	6	6	5	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 797 PRINCESS ST KINGSTON NO 52015 MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	5	6	6	2	9	3	2	2	3	3	4
2	0	5	3	4	6	7	5	7	3	7	5	0	4
3	0	5	5	5	7	9	7	11	7	3	2	0	5
4	0	3	2	0	5	3	7	6	9	3	2	0	3
5	0	2	2	3	0	2	0	3	2	2	0	0	1
6	0	2	2	1	2	3	2	0	4	3	0	0	2
7	0	2	2	11	11	10	8	16	11	11	9	0	8
8	0	3	0	5	5	5	8	16	7	7	2	0	4
9	0	0	3	0	3	****	****	****	****	****	****	****	****
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	****	****	****	3	6	3	2	****
29	2	2	2	2	5	6	9	12	6	7	5	5	5
30	2	2	0	3	4	9	7	4	26	21	11	4	8
31	3	5	7	3	5	6	8	5	11	5	5	1	5
MEAN	1	3	3	4	5	6	6	7	8	6	4	1	4

PERCENTAGE OF DATA VALID - 37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - 797 PRINCESS ST KINGSTON NO 52015

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR			DATA MISSING	
APR	6	4	5	10
MAY	31	3	4	10
JUN	29	2	6	11
JUL	31	2	3	9
AUG	14	2	2	7
SEP			DATA MISSING	
OCT	17	3	4	11
NOV	30	4	8	26
DEC	13	4	8	26
YEAR	171	3	8	26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 797 PRINCESS ST KINGSTON

NO 52015

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	43	29	0	0	0	0	0	72
MAY	302	70	0	0	0	0	0	372
JUN	273	55	1	0	0	0	0	329
JUL	323	49	0	0	0	0	0	372
AUG	147	14	0	0	0	0	0	161
SEP		DATA MISSING						
OCT	143	55	1	0	0	0	0	199
NOV	224	113	16	3	3	0	0	359
DEC	80	50	8	1	2	0	0	141
YEAR	1535	435	26	4	5	0	0	2005

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
68	0	0.4	1.1	1.9	3.1	6.1	7.4	9.5	11.3	26	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30	****	****	****	****	****	****	****	****	6	4	6	3	****
31	5	10	****	5	9	7	4	6	7	4	9	6	7
MEAN	5	10	****	5	9	7	4	6	7	4	8	5	6

PERCENTAGE OF DATA VALID - 4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK,CORNWALL

NO 56051

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	4	4	4	9	0	0	2	7	5	5	5	4
2	2	11	6	8	3	0	3	3	6	2	8	7	5
3	3	1	0	0	3	1	0	3	4	2	2	12	3
4	4	9	9	7	5	4	0	2	3	10	7	14	6
5	8	3	4	3	3	0	2	0	2	0	2	0	2
6	5	0	2	2	2	2	0	3	6	3	4	4	2
7	0	2	4	7	5	0	0	2	1	3	5	5	3
8	19	19	18	12	5	3	1	2	2	4	7	8	8
9	7	6	9	9	4	4	7	8	15	15	16	11	9
10	18	18	5	0	10	0	3	1	3	4	0	2	5
11	6	2	2	3	6	9	0	3	2	8	6	6	4
12	****	11	7	7	10	3	4	0	4	5	2	4	5
13	6	4	6	4	4	0	2	0	2	0	0	0	3
14	0	1	1	0	0	0	0	4	0	4	0	0	1
15	0	0	3	1	2	7	2	2	3	2	1	4	2
16	0	2	5	0	5	11	2	3	2	2	2	2	3
17	3	0	3	2	2	2	2	0	2	8	4	9	3
18	4	5	0	2	3	0	1	2	4	2	3	5	3
19	2	8	7	9	13	3	2	4	5	3	3	8	6
20	2	11	9	6	6	3	1	0	2	2	2	0	4
21	0	0	3	1	2	2	1	2	2	2	0	1	1
22	4	2	2	0	0	3	2	2	4	5	4	1	2
23	2	3	0	2	2	0	1	3	4	1	3	3	2
24	3	2	0	0	0	4	2	0	2	2	3	2	2
25	1	2	2	1	1	2	1	3	4	0	2	0	2
26	2	11	7	12	10	10	9	11	18	12	13	***	11
27	9	5	9	5	3	7	5	7	7	5	2	2	6
28	2	3	2	3	6	6	4	2	6	6	9	12	5
29	6	1	0	1	3	1	2	2	3	1	4	7	3
30													
MEAN	4	5	4	4	4	3	2	2	4	4	4	5	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - MEMORIAL PK, CORNWALL

NO 56051

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	8	2	4	1	0	1	5	2	2	3	6	12	4
2	2	12	2	4	4	1	0	1	2	0	4	0	3
3	0	2	2	4	1	0	1	4	6	6	2	2	3
4	2	7	1	0	2	0	4	4	4	1	2	0	2
5	0	2	1	0	5	3	1	5	2	5	4	3	2
6	0	2	2	2	2	3	0	3	5	2	2	1	1
7	1	0	0	0	0	2	0	2	4	3	4	2	2
8	1	1	3	4	2	2	0	5	3	3	3	4	4
9	3	2	7	3	3	5	8	6	3	3	3	4	4
10	0	5	3	6	2	4	2	0	2	3	8	2	3
11	****	1	6	6	5	9	4	7	8	10	4	3	6
12	7	1	5	3	5	5	6	5	9	6	8	7	6
13	6	5	4	5	5	4	5	5	4	5	2	3	4
14	4	1	2	0	2	2	2	0	2	5	5	5	3
15	10	6	5	9	12	8	7	8	16	12	22	8	10
16	6	6	4	7	12	6	8	6	5	9	4	2	6
17	2	1	1	2	2	8	2	3	2	1	3	3	3
18	3	2	2	0	3	2	3	4	2	5	4	2	3
19	6	6	5	4	3	5	5	4	11	5	6	6	6
20	4	1	0	1	1	0	0	0	6	12	5	****	3
21	****	6	0	6	4	2	2	0	6	7	9	7	4
22	6	11	0	0	6	4	4	5	7	1	2	2	4
23	4	4	2	1	3	8	6	8	5	5	5	5	5
24	3	2	4	4	3	6	6	4	14	23	7	2	7
25	2	2	2	2	4	1	2	8	8	11	2	5	4
26	5	6	2	4	2	2	4	****	1	2	2	1	3
27	3	5	1	3	5	2	0	1	5	2	2	2	3
28	0	2	0	1	2	0	4	3	2	2	2	0	2
29	1	2	4	2	0	1	3	2	1	4	2	1	2
30	2	4	0	4	4	0	2	2	3	2	2	4	2
31	2	2	2	2	0	3	1	2	5	1	5	3	2
MEAN	3	4	2	3	3	3	3	4	5	5	5	3	4

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - MEMORIAL PK, CORNWALL

NO 56051

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	2	6	7	10
NOV	30	4	11	19
DEC	31	4	10	23
YEAR	63	4	11	23

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - MEMORIAL PK, CORNWALL

NO 56051

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG		DATA MISSING						
SEP		DATA MISSING						
OCT	4	11	0	0	0	0	0	15
NOV	247	87	17	7	0	0	0	358
DEC	252	103	10	1	2	0	0	368
YEAR	503	201	27	8	2	0	0	741

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
67	0	0.5	1.4	2.5	4.2	7.6	10.0	12.6	17.1	23	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5	2	2	4	6	9	9	8	6	13	2	3	3	6
6	3	9	6	4	5	5	0	3	0	5	0	3	4
7	5	5	8	5	0	3	0	3	0	3	4	7	4
8	3	3	4	3	6	6	4	5	3	1	0	5	4
9	9	3	5	8	2	0	4	0	3	5	0	5	4
10	3	3	9	7	5	6	4	0	2	0	2	7	4
11	9	2	2	5	5	3	2	3	1	0	1	9	4
12	0	4	0	2	5	4	2	4	3	2	0	0	2
13	5	6	0	0	3	3	3	0	0	1	2	3	2
14	8	0	2	0	3	0	2	2	3	3	3	7	3
15	0	3	0	3	0	0	0	2	0	3	9	5	2
16	5	7	12	5	9	2	5	3	0	16	13	6	7
17	2	11	0	3	5	3	2	4	2	8	17	15	6
18	5	10	6	3	10	2	5	2	1	3	16	15	7
19	7	9	2	5	7	5	13	2	15	9	11	12	8
20	7	13	13	8	13	5	7	4	3	0	11	7	8
21	2	4	4	7	5	3	2	5	2	2	11	5	4
22	3	3	2	2	5	0	3	2	4	2	2	5	3
23	0	2	1	1	4	0	7	0	5	10	11	11	5
24	9	17	7	12	8	2	5	2	7	9	11	9	8
25	4	2	3	9	9	8	0	6	2	3	9	3	5
26	3	2	3	3	9	2	0	3	3	4	0	2	3
27	4	0	4	3	2	2	2	0	0	0	2	6	2
28	2	1	0	2	2	0	0	3	1	0	2	2	1
29	6	3	0	0	7	2	4	2	2	5	5	1	3
30	2	1	3	3	7	3	6	0	0	0	5	5	3
31	0	3	0	3	3	5	5	0	0	5	3	5	3
MEAN	4	5	4	4	5	3	4	2	3	4	6	6	4

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	2	3	5	2	0	2	2	0	0	9	2
2	6	4	3	2	8	3	0	0	7	3	13	6	5
3	5	7	2	6	3	2	2	0	2	1	2	0	3
4	3	0	2	3	0	4	3	2	4	0	6	1	2
5	0	5	0	0	4	9	0	1	2	4	5	4	4
6	0	1	0	0	3	2	2	5	0	0	3	9	2
7	13	13	9	10	3	****	****	5	14	3	7	5	8
8	3	2	5	5	2	3	6	2	3	3	3	1	3
9	2	0	2	0	1	0	0	1	3	3	0	0	1
10	1	0	1	0	2	2	2	3	4	5	4	5	2
11	10	2	2	2	4	2	2	0	3	1	8	6	4
12	8	0	2	2	2	0	0	0	7	3	4	5	2
13	2	1	4	2	3	5	3	0	7	2	4	2	3
14	4	6	1	2	6	2	3	2	5	3	11	10	5
15	2	2	3	6	10	7	6	3	3	3	5	3	4
16	3	2	0	3	15	8	3	9	3	5	6	5	5
17	3	****	0	3	15	0	0	2	0	2	1	3	2
18	3	18	2	2	3	3	2	3	17	13	7	3	6
19	0	2	2	0	9	3	3	2	2	0	2	1	2
20	3	0	1	2	4	0	4	2	2	1	0	1	2
21	4	2	2	2	11	4	2	3	6	2	9	7	5
22	11	4	4	5	13	6	3	0	7	2	6	2	5
23	0	0	5	0	5	5	2	7	5	3	0	0	3
24	2	3	5	2	1	9	2	2	4	0	5	7	6
25	7	5	5	7	11	9	5	5	3	3	7	6	3
26	9	8	7	4	11	9	2	10	6	8	6	3	6
27	8	4	7	5	11	5	2	4	9	4	6	3	4
28	2	2	1	2	11	1	2	4	9	7	2	3	6
29	2	2	5	7	8	6	8	5	10	5	3	7	6
30	9	9	3	9	4	1	3	0	2	3	5	6	5
MEAN	5	4	3	3	6	4	3	3	5	3	5	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	3	0	3	0	0	2	2	2	3	0	1
2	1	0	1	2	2	2	0	2	0	3	2	3	2
3	2	3	2	5	2	5	0	2	0	0	5	3	2
4	0	2	1	2	3	0	2	0	1	2	2	0	1
5	3	1	0	0	3	3	2	1	2	7	3	7	3
6	4	7	5	15	5	2	3	2	0	2	5	3	4
7	3	5	4	5	8	5	4	2	4	8	9	8	5
8	5	3	5	13	10	3	5	7	2	4	3	3	5
9	2	5	4	4	2	3	4	2	2	10	1	0	3
10	0	0	2	3	1	1	0	1	4	3	4	0	2
11	3	3	5	8	3	7	4	2	3	4	6	6	5
12	0	2	7	1	8	6	7	7	4	7	2	2	4
13	3	3	3	2	2	3	2	3	5	7	8	8	4
14	5	1	3	10	5	2	4	3	13	7	3	0	5
15	1	2	5	5	2	2	3	5	9	2	4	1	3
16	2	4	5	2	0	2	7	2	1	1	0	2	2
17	3	2	4	2	3	2	2	1	2	2	4	2	2
18	4	3	4	11	12	9	6	0	3	5	5	4	6
19	3	0	0	3	1	2	3	2	2	4	5	13	3
20	7	2	11	5	8	3	3	5	5	3	2	2	5
21	3	3	4	2	2	3	0	2	2	2	2	2	2
22	1	1	5	2	4	4	5	0	0	2	10	13	4
23	11	5	2	3	0	7	3	3	5	4	3	2	4
24	3	3	3	3	4	2	2	2	2	1	3	4	3
25	1	2	3	5	7	4	3	2	5	1	0	0	3
26	0	2	0	0	0	0	2	2	5	3	2	2	2
27	3	2	3	1	2	0	3	0	4	5	6	4	3
28	3	3	7	4	3	1	2	2	3	2	7	4	3
29	3	2	0	7	5	3	5	3	8	7	5	4	4
30	9	6	4	8	2	2	2	2	1	2	6	9	4
31	12	2	4	3	4	0	2	0	5	2	7	2	4
MEAN	3	3	4	4	4	3	3	2	3	4	4	4	3

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	0	3	0	3	5	3	3	2	5	3	3
2	5	4	2	2	3	0	3	3	5	1	3	3	3
3	3	3	5	2	2	****	****	****	****	****	****	****	****
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	3	3	2	2	2	2	4	3	4	2	4	3	3

PERCENTAGE OF DATA VALID - 8

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY

NO 63015

MONTH AUG 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1													
2													
3													
4	****	****	****	****	****	****	- DATA MISSING -						
5	4	0	0	5	0	3	0	2	4	1	3	5	****
6	9	0	2	4	3	5	5	0	3	2	2	9	3
7	4	2	5	5	7	8	4	2	4	0	7	4	4
8	6	3	3	5	3	0	5	3	3	0	5	4	3
9	0	7	1	4	5	0	2	2	3	0	2	2	2
10	3	2	1	6	3	7	3	1	7	2	3	3	3
11	3	1	3	6	5	3	4	3	2	3	3	3	3
12	3	2	0	2	9	5	2	4	4	4	5	7	4
13	5	4	4	0	3	0	1	0	2	2	2	8	3
14	4	1	2	3	5	0	2	2	5	3	6	0	3
15	2	0	0	0	0	3	2	0	0	0	0	0	1
16	0	0	0	0	1	0	2	2	0	0	2	0	1
17	0	3	2	0	6	0	2	3	2	0	1	1	2
18	2	0	0	3	2	7	2	1	0	2	2	0	2
19	2	2	2	7	5	2	0	1	2	0	0	0	2
20	2	3	2	6	2	1	0	2	2	0	0	2	2
21	3	0	3	2	3	3	2	9	1	3	8	3	3
22	1	4	5	1	10	0	3	0	2	0	0	2	2
23	1	0	0	2	2	1	2	3	2	3	9	2	2
24	0	3	2	3	1	2	9	2	0	0	3	1	2
25	3	0	2	3	2	6	2	0	0	2	5	4	3
26	2	0	0	2	0	4	2	0	2	2	0	0	2
27	4	0	2	0	2	0	4	0	2	2	2	2	2
28	2	0	2	0	2	0	0	2	2	1	3	2	1
29	5	1	2	4	5	1	3	2	0	1	2	3	2
30	0	0	1	2	0	2	0	0	2	0	2	2	1
31	3	1	2	2	3	2	2	0	0	0	2	6	2
MEAN	3	2	2	3	3	3	3	2	2	2	3	3	2

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY

NO 63015

MONTH SEP 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	1	3	7	1	2	2	2	2	2	2
2	5	3	5	2	6	0	4	2	2	5	4	5	4
3	2	2	1	3	3	10	7	3	2	7	2	6	4
4	3	0	2	0	1	0	0	0	0	5	2	7	2
5	2	0	1	0	3	2	3	2	2	0	1	1	1
6	0	4	2	2	2	1	3	0	0	0	0	5	2
7	1	0	1	0	3	0	2	2	4	0	0	1	1
8	0	0	0	1	2	2	0	0	2	2	0	5	1
9	4	2	0	3	2	3	0	2	3	3	3	2	2
10	0	0	2	2	4	0	0	2	0	0	0	0	1
11	2	0	2	2	6	0	5	0	2	0	2	0	2
12	3	0	5	4	2	1	0	0	0	1	0	3	2
13	2	2	3	2	0	0	0	0	0	0	0	2	1
14	3	5	1	3	2	2	0	2	2	4	0	5	2
15	2	3	3	2	2	3	2	3	1	2	3	4	3
16	2	0	0	3	0	1	3	0	2	3	6	2	2
17	2	0	2	0	0	2	3	2	6	2	8	3	2
18	3	0	4	4	3	4	2	2	6	10	10	4	4
19	2	1	4	2	7	0	7	7	2	4	3	3	4
20	3	11	3	2	2	2	2	2	3	5	1	5	3
21	8	2	3	2	3	4	4	0	2	2	3	2	3
22	7	2	0	2	1	3	2	2	0	2	0	2	2
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28	****	****	****	****	****	****	****	****	2	5	2	5	****
29	2	2	1	6	0	2	0	2	1	2	2	3	2
30	2	3	4	6	3	2	0	2	2	5	12	9	4
MEAN	3	2	2	2	3	2	2	2	2	3	3	4	2

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	9	5	6	12	5	4	2	4	5	1	1	5	5
2	2	2	0	4	0	3	0	0	3	2	0	3	2
3	1	0	2	2	1	2	2	0	2	1	2	2	1
4	7	0	4	2	2	1	2	2	10	5	0	6	3
5	3	2	5	11	4	2	2	2	8	10	13	9	6
6	7	7	11	10	13	9	5	6	7	4	1	2	7
7	2	4	1	3	2	2	2	3	0	3	1	2	2
8	2	2	2	5	3	2	3	2	4	2	2	0	2
9	1	2	7	6	7	2	10	5	4	2	3	2	4
10	2	2	0	1	3	3	1	2	2	1	1	3	2
11	2	2	3	1	4	4	2	7	1	2	5	2	3
12	3	3	3	3	3	1	3	3	3	7	10	3	4
13	5	2	9	11	9	8	7	5	2	2	2	2	5
14	0	2	0	1	1	2	2	3	0	2	0	2	1
15	0	2	5	9	2	0	0	2	1	3	3	7	3
16	6	2	5	10	3	4	3	3	7	11	5	13	6
17	5	5	8	15	10	6	6	5	7	13	9	6	8
18	5	2	2	3	3	0	2	2	1	26	7	9	5
19	7	5	5	9	7	8	4	4	3	6	8	5	6
20	5	9	5	10	7	10	11	5	3	11	9	5	8
21	8	4	9	7	7	6	5	4	6	12	7	12	7
22	3	6	3	12	7	13	3	6	5	6	5	2	6
23	7	2	11	7	10	7	8	10	6	7	6	8	8
24	4	4	3	5	3	4	7	3	7	5	3	6	5
25	6	6	6	12	6	7	5	5	2	2	2	3	4
26	3	0	6	7	8	5	3	6	5	5	2	3	4
27	1	3	1	4	2	6	2	34	10	7	4	3	6
28	3	4	2	3	3	5	3	1	2	2	2	3	3
29	4	0	2	7	6	6	3	2	13	5	3	2	4
30	5	6	3	7	9	3	3	5	3	3	2	2	4
31	3	2	3	2	2	2	4	2	3	2	3	3	3
MEAN	4	3	4	6	5	4	4	5	4	5	4	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	2	4	4	3	1	3	2	3	2	2	3	3
2	2	2	2	3	3	4	1	3	0	3	2	0	2
3	3	3	1	5	0	4	0	3	4	2	3	3	3
4	3	0	1	4	2	2	3	0	2	3	2	2	2
5	2	2	1	2	1	0	2	6	7	7	3	5	3
6	5	2	2	7	9	0	2	1	1	3	2	2	3
7	4	2	0	4	4	3	2	1	6	10	7	8	4
8	3	4	2	2	2	2	2	2	4	4	3	3	3
9	1	2	3	4	8	3	2	4	5	3	1	1	3
10	2	1	2	2	3	2	0	0	5	2	2	3	2
11	3	2	2	4	8	7	3	2	0	0	0	2	3
12	1	1	2	1	2	0	0	2	0	4	2	1	1
13	3	1	2	1	2	2	2	2	3	3	2	2	2
14	1	1	2	1	1	2	2	2	2	4	4	5	2
15	1	3	4	0	3	3	3	2	2	2	3	4	3
16	2	3	0	3	1	2	1	0	0	3	2	0	1
17	2	2	2	2	5	4	3	3	3	2	0	0	2
18	2	1	1	3	8	3	9	4	6	4	4	4	4
19	0	4	0	6	3	2	1	3	4	6	2	5	3
20	2	3	0	3	1	2	****	****	****	****	****	****	****
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	2	2	2	3	3	2	2	2	3	4	2	3	3

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR	27	4	8	17
APR	30	4	8	18
MAY	31	3	6	15
JUN	3	3	3	5
JUL			DATA MISSING	
AUG	28	2	4	10
SEP	25	2	4	12
OCT	31	4	8	34
NOV	20	3	4	10
YEAR	195	3	8	34

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - 1111 VICTORIA AVE THUNDER BAY NO 63015

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR	200	101	19	4	0	0	0	324
APR	231	111	13	2	0	0	0	357
MAY	276	86	10	0	0	0	0	372
JUN	24	5	0	0	0	0	0	29
JUL		DATA MISSING						
AUG	281	49	0	0	0	0	0	330
SEP	252	38	2	0	0	0	0	292
OCT	219	132	19	0	1	1	0	372
NOV	209	25	0	0	0	0	0	234
YEAR	1692	547	63	6	1	1	0	2310

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	0.4	1.3	2.1	3.6	6.8	8.8	11.1	12.6	34	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14	****	****	****	****	****	****	****	****	0	2	0	5	****
15	3	3	4	4	5	1	9	5	3	1	4	2	4
16	3	2	5	4	5	9	0	2	0	5	2	0	3
17	1	0	2	5	2	7	1	2	0	3	2	0	2
18	3	1	2	0	1	0	0	0	1	0	3	0	1
19	0	0	1	1	1	0	3	4	2	2	3	11	2
20	4	3	3	9	3	2	2	3	2	0	2	4	3
21	1	0	3	0	2	0	5	5	5	0	1	2	2
22	0	0	2	3	3	0	1	2	2	2	5	5	2
23	2	7	3	0	3	3	0	2	2	2	0	3	2
24	3	0	3	0	0	8	3	0	0	2	0	6	3
25	3	6	0	2	4	4	7	1	2	3	0	4	3
26	4	4	3	8	7	3	3	1	2	0	0	4	3
27	1	0	0	2	0	0	0	1	2	2	2	3	1
28	2	2	2	5	2	0	2	0	0	2	1	2	2
29	2	0	5	5	2	0	4	2	3	0	1	2	2
30	0	2	0	1	1	2	1	1	0	2	0	2	1
31	0	0	4	6	8	0	2	1	2	0	4	2	2
MEAN	2	2	2	3	3	2	3	2	2	2	2	3	2

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	10	8	6	9	12	6	4	0	1	0	5	10	6
2	2	1	0	2	0	4	3	2	4	3	3	2	4
3	2	2	5	2	8	0	5	4	3	4	3	5	4
4	6	5	7	2	3	7	2	2	0	0	3	0	3
5	0	2	2	2	1	4	3	2	1	3	2	3	2
6	5	6	3	0	2	1	0	6	2	2	1	5	3
7	4	3	0	2	6	1	3	2	3	2	6	7	3
8	6	2	2	9	5	1	3	3	0	2	2	3	3
9	2	6	0	0	7	2	2	1	3	0	2	0	2
10	2	1	1	5	0	4	****	2	5	12	3	1	3
11	2	3	1	0	12	4	3	3	2	0	4	5	3
12	2	1	2	3	4	2	3	2	4	2	0	1	2
13	2	1	0	2	4	0	2	1	0	2	3	0	1
14	2	2	****	3	0	0	4	2	3	3	1	1	2
15	1	2	2	2	4	2	1	0	3	1	3	2	2
16	2	2	2	2	2	1	0	2	2	3	6	4	2
17	7	1	1	3	5	4	0	2	5	3	7	0	3
18	3	3	1	3	3	1	9	2	1	2	7	8	4
19	4	0	2	3	3	5	1	5	3	3	5	2	3
20	4	3	2	0	6	0	****	****	****	****	****	****	****
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	3	3	2	3	4	2	3	2	2	2	3	3	3

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8	****	****	****	****	****	****	6	3	5	3	5	7	****
9	4	5	4	4	1	5	4	2	5	2	5	4	4
10	0	2	1	1	2	2	2	2	1	4	5	6	2
11	4	2	7	5	6	0	2	0	1	0	4	0	3
12	0	2	2	2	9	5	2	2	2	13	15	3	5
13	3	3	2	2	1	5	****	****	****	****	****	****	****
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	****	****	0	1	2	0	3	7	****
17	3	9	4	2	2	4	6	5	2	6	2	8	4
18	16	17	13	8	10	1	2	3	4	2	6	20	9
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
31							- DATA MISSING -						
MEAN	4	6	5	3	4	3	3	2	3	4	6	7	4

PERCENTAGE OF DATA VALID - 24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23	****	****	****	****	****	****	****	****	8	3	2	5	****
24	8	2	3	9	0	8	8	7	5	4	4	6	5
25	2	0	3	3	7	4	3	6	4	6	3	4	4
26	8	1	3	13	4	3	0	1	3	4	3	4	4
27	3	1	1	2	0	0	0	2	4	5	5	8	3
28	3	3	6	7	1	2	5	5	5	6	6	2	4
29	2	2	2	5	5	8	10	12	14	11	9	12	8
30	10	4	8	3	6	4	4	1	8	8	2	7	5
31	3	0	0	3	1	1	3	7	3	0	2	4	2
MEAN	5	2	3	6	3	4	4	5	6	5	4	6	4

PERCENTAGE OF DATA VALID - 26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	18	2	4	11
SEP	20	3	6	12
OCT	9	4	9	20
NOV		DATA MISSING		
DEC	9	4	8	14
YEAR	56	3	9	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - PROV OF ONTARIO BLDG S.S.MARIE NO 71021

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR		DATA MISSING						
MAY		DATA MISSING						
JUN		DATA MISSING						
JUL		DATA MISSING						
AUG	179	27	1	0	0	0	0	207
SEP	187	42	3	0	0	0	0	232
OCT	59	25	3	3	0	0	0	90
NOV		DATA MISSING						
DEC	60	35	5	0	0	0	0	100
YEAR	485	129	12	3	0	0	0	629

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
42	0	0.4	1.1	1.9	3.2	6.2	7.9	11.1	12.6	20	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH MAR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20	****	****	****	****	****	****	****	13	15	8	6	5	****
21	2	4	2	4	0	2	2	4	5	1	2	3	3
22	2	0	5	0	2	0	3	5	2	3	4	1	2
23	0	2	0	2	3	4	0	3	2	2	3	0	2
24	2	3	4	3	7	3	5	2	7	2	7	11	5
25	6	3	4	4	2	0	3	9	10	5	5	2	3
26	4	0	5	5	0	2	0	3	2	2	5	2	2
27	0	2	0	0	2	3	2	5	3	2	3	2	2
28	1	2	0	5	4	2	2	2	2	2	3	5	3
29	3	2	5	2	2	7	0	2	6	3	7	5	4
30	0	2	2	5	4	3	5	5	3	8	11	8	5
31	12	0	7	5	5	6	2	2	2	2	6	2	4
MEAN	3	2	3	3	3	4	2	4	5	4	5	4	3

PERCENTAGE OF DATA VALID - 36

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH APR 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	3	1	3	2	0	5	3	2	3	0	1	2	2
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22							- DATA MISSING -						
23							- DATA MISSING -						
24							- DATA MISSING -						
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	3	1	3	2	0	5	3	2	3	0	1	2	2

PERCENTAGE OF DATA VALID - 3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	3	2	7	6	2	9	2	2	1	2	4	4
2	4	0	4	8	3	3	2	4	4	6	3	2	4
3	2	2	2	2	2	3	4	2	3	2	5	0	2
4	15	0	5	5	9	12	1	0	0	0	2	5	5
5	4	4	5	3	3	2	0	0	4	0	0	0	2
6	4	0	0	0	3	2	5	3	2	7	5	2	3
7	4	7	13	1	1	2	0	2	2	2	4	2	3
8	4	3	3	5	3	4	2	0	4	2	0	4	3
9	1	2	3	0	3	3	8	7	0	1	1	4	3
10	1	2	2	3	0	2	6	4	2	2	0	11	3
11	0	3	6	0	5	****	4	6	6	0	6	0	3
12	5	3	8	5	3	0	3	6	4	2	5	1	4
13	0	0	1	2	4	3	5	5	3	5	4	0	3
14	2	1	6	3	3	1	2	1	5	1	0	0	2
15	3	0	2	5	2	2	2	3	8	0	0	5	3
16	2	2	0	7	3	3	5	2	2	1	4	3	3
17	3	2	3	2	2	3	1	2	2	2	0	2	2
18	5	7	3	5	2	0	1	2	3	5	5	3	3
19	7	5	5	9	4	3	2	5	2	2	0	4	4
20	5	2	2	5	0	2	0	2	3	2	2	2	2
21	4	2	2	6	6	3	2	3	2	2	3	6	3
22	3	4	2	0	0	0	0	2	2	2	3	6	3
23	5	6	1	2	0	2	3	0	0	0	5	2	2
24	2	3	2	0	0	0	2	0	0	2	1	3	1
25	1	5	2	0	3	3	5	5	3	4	3	0	3
26	0	1	4	13	3	1	0	3	0	2	3	0	3
27	0	2	6	5	0	2	2	0	3	3	2	0	2
28	3	0	2	0	2	0	2	2	4	5	9	3	3
29	0	0	2	1	4	2	4	0	3	3	5	4	2
30	2	0	3	4	2	3	3	5	2	5	4	8	3
31	2	3	3	4	5	4	4	2	2	4	3	5	3
MEAN	3	2	3	4	3	3	3	3	3	2	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	3	3	3	11	9	2	3	2	4	7	2	4
2	2	2	3	0	2	3	0	2	0	3	2	1	2
3	0	1	2	1	2	0	1	2	1	5	7	3	2
4	2	5	7	2	1	0	1	2	2	2	3	0	2
5	0	2	7	0	3	0	2	0	0	9	2	2	2
6	3	0	0	4	0	2	1	0	2	5	2	3	2
7	1	2	0	2	0	5	2	1	3	7	0	2	2
8	5	3	5	0	7	2	2	0	3	3	3	2	3
9	2	1	0	4	5	5	0	3	0	3	0	4	2
10	4	2	3	5	2	4	5	0	3	4	3	0	3
11	1	2	2	4	5	3	2	2	2	3	0	3	2
12	0	2	2	2	2	0	3	3	3	2	4	3	2
13	4	0	3	2	3	1	0	3	0	3	2	7	2
14	0	0	3	3	2	1	0	2	1	4	2	4	2
15	5	3	5	0	0	0	0	0	1	2	1	3	2
16	2	2	2	3	4	2	5	4	0	3	5	5	3
17	0	4	1	0	7	4	2	7	6	2	3	3	3
18	4	2	5	1	2	3	4	3	3	2	2	2	3
19	0	2	0	1	3	2	0	2	2	0	0	0	1
20	0	0	3	5	2	2	3	2	0	2	0	3	2
21	0	3	0	2	5	2	0	0	0	0	2	6	2
22	2	1	4	0	2	4	2	2	2	2	2	3	2
23	3	4	4	2	4	4	4	0	0	2	2	3	3
24	2	3	3	1	3	5	2	1	3	2	0	3	2
25	2	0	4	2	3	2	0	2	3	2	3	0	2
26	2	2	0	0	0	2	2	0	4	0	0	2	1
27	0	2	2	0	3	1	0	0	1	0	3	0	1
28	3	5	2	0	2	1	0	0	0	3	2	5	2
29	2	2	3	0	0	4	0	2	0	0	4	0	1
30	2	0	3	2	2	0	1	2	3	0	1	0	1
MEAN	2	2	3	2	3	2	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH JUL 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	1	4	2	2	5	3	0	0	0	0	2
2	2	2	3	2	3	3	2	0	9	2	0	5	3
3	3	0	4	4	2	6	5	3	3	3	0	7	4
4	3	1	4	3	3	3	0	2	0	0	1	0	2
5	2	0	3	0	2	0	3	0	0	0	0	3	1
6	4	0	0	4	2	2	0	0	0	2	0	0	1
7	0	2	2	0	2	0	0	3	0	2	1	0	1
8	4	****	0	2	4	2	0	4	0	2	0	6	2
9	2	2	2	0	1	4	2	4	4	0	4	3	2
10	2	3	3	****	****	****	****	****	****	****	****	****	****
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	0	0	3	0	0	2	2	1	1
17	0	2	0	0	3	3	0	5	3	2	0	2	2
18	3	4	2	3	5	5	3	3	0	3	6	2	3
19	5	1	3	0	2	0	2	0	0	3	0	2	2
20	3	0	2	0	0	0	3	1	2	2	0	0	1
21	0	2	3	2	1	0	2	3	2	2	3	3	2
22	4	3	2	4	5	3	2	7	1	3	3	5	4
23	3	3	0	7	3	6	2	3	0	2	2	5	3
24	10	2	7	2	6	0	4	5	3	3	3	2	4
25	4	5	3	2	5	3	3	4	7	6	2	3	4
26	5	2	0	1	4	3	5	0	2	4	2	3	3
27	4	5	0	6	4	6	0	6	0	3	3	5	4
28	6	0	0	3	3	2	3	6	2	4	4	2	3
29	3	2	2	3	2	5	3	1	4	2	4	0	3
30	4	5	0	0	3	2	6	2	6	2	2	3	3
31	0	2	2	2	5	5	4	3	3	4	3	2	3
MEAN	3	2	2	2	3	3	2	3	2	2	2	3	2

PERCENTAGE OF DATA VALID - 80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH AUG 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	3	3	0	3	0	5	0	0	5	0	2	4	2
2	5	3	7	0	3	0	2	2	2	1	2	2	2
3	0	0	0	3	0	0	2	2	2	1	0	3	1
4	2	0	3	2	3	2	2	0	0	3	2	2	2
5	1	0	2	2	0	5	0	5	2	6	1	1	2
6	0	0	0	7	0	4	3	0	0	2	0	3	1
7	4	1	3	7	2	4	2	3	3	2	9	0	3
8	2	2	5	5	3	3	3	2	2	3	0	3	3
9	5	0	2	0	2	2	0	2	0	3	3	2	2
10	0	1	2	2	2	6	3	3	3	3	5	2	3
11	3	2	2	7	6	6	3	0	3	4	0	1	3
12	4	5	0	6	0	7	3	2	2	4	2	0	3
13	2	2	3	0	2	2	3	2	2	4	0	2	2
14	0	0	3	7	5	1	6	2	3	2	3	4	3
15	6	2	3	2	5	3	5	3	2	2	6	0	3
16	5	1	3	3	0	2	0	0	0	0	1	0	2
17	0	0	2	0	3	0	0	3	2	0	5	6	3
18	3	1	2	4	3	4	2	3	3	5	4	3	2
19	0	3	0	1	5	3	3	3	2	3	3	3	2
20	3	0	3	2	3	6	2	2	3	0	3	2	2
21	2	0	0	1	3	2	0	0	2	2	2	2	1
22	6	2	0	5	8	4	2	4	1	3	2	2	3
23	4	2	0	1	3	0	3	3	3	2	0	2	2
24	3	3	2	6	3	0	4	9	1	2	3	5	3
25	4	0	2	3	0	2	5	2	3	5	3	5	3
26	2	2	3	4	0	3	3	0	2	2	0	0	2
27	3	2	2	7	5	2	2	2	7	7	3	7	4
28	3	0	0	9	3	0	3	0	1	1	5	0	2
29	2	0	3	2	2	3	5	2	2	6	6	1	2
30	2	4	3	0	5	2	3	3	1	3	0	1	2
31	2	1	0	3	0	****	****	****	****	****	****	****	****
MEAN	3	1	2	3	3	3	3	2	2	3	2	3	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 649 CASSELLS ST NORTH BAY NO 75018 MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2							- DATA MISSING -						
3							- DATA MISSING -						
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	0	0	5	2	0	2	0	2	0	0	7	0	2
17	5	2	5	5	2	7	2	3	3	6	5	3	4
18	3	2	0	1	8	4	5	3	2	1	3	3	3
19	0	3	3	2	7	2	4	2	0	0	2	2	2
20	3	3	2	3	2	0	5	5	3	4	7	7	4
21	8	3	5	5	11	12	3	7	5	6	11	11	7
22	0	4	4	3	5	5	2	4	2	0	3	0	3
23	0	0	0	0	2	2	2	6	1	5	2	1	2
24	1	2	3	2	4	3	2	10	0	2	3	2	3
25	2	2	5	5	1	5	3	5	4	0	9	4	4
26	0	1	5	9	7	6	5	1	2	0	2	0	3
27	3	0	0	2	0	4	2	1	2	2	6	2	2
28	3	0	2	5	0	3	2	2	2	3	2	2	2
29	0	5	8	4	4	3	4	8	2	9	5	3	5
30	6	2	3	2	0	2	2	5	2	3	0	3	3
MEAN	2	2	3	3	4	4	3	4	2	3	4	3	3

PERCENTAGE OF DATA VALID - 50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
 POLLUTANT - PARTICULATES - SOILING INDEX UNITS - COHS/1000FEET X 10
 STATION - 649 CASSELLS ST NORTH BAY NO 75018 MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	0	5	3	5	2	2	6	2	3	5	5	3
2	3	2	6	5	5	9	9	2	1	2	0	4	4
3	2	0	0	4	0	3	1	5	2	0	2	0	2
4	1	2	2	2	0	5	0	0	3	0	3	2	2
5	2	2	11	17	4	2	5	7	3	4	9	3	6
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16	****	****	****	****	0	0	4	5	2	2	6	9	4
17	10	2	3	0	7	7	5	3	7	4	4	6	5
18	2	2	0	5	2	0	1	5	1	2	4	3	2
19	2	5	4	2	21	4	2	2	1	3	14	17	6
20	11	6	7	11	9	7	5	6	7	5	3	8	7
21	6	2	8	5	6	2	8	7	3	3	3	6	5
22	1	2	2	5	5	4	2	3	8	15	10	9	6
23	2	2	3	4	3	7	7	6	10	7	3	2	5
24	2	2	2	7	4	2	4	8	3	8	2	4	4
25	2	6	4	2	2	4	2	3	4	8	7	4	4
26	7	2	5	11	9	4	6	9	6	2	3	2	6
27	6	5	2	4	4	5	2	3	0	3	3	2	3
28							- DATA MISSING -						
29	3	5	2	2	0	2	2	7	4	7	1	7	4
30	2	5	1	3	3	4	2	5	7	6	6	3	4
31	1	0	5	2	2	3	7	7	11	5	2	3	4
MEAN	3	3	4	5	5	4	4	5	4	4	5	5	4

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH NOV 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	5	1	2	5	3	2	2	4	3	9	5	7	4
2	2	2	0	5	0	2	1	4	2	0	0	2	2
3							- DATA MISSING -						
4	8	2	0	6	1	6	3	4	7	5	5	8	5
5	4	2	2	3	0	4	2	0	2	1	5	3	2
6	2	2	5	8	5	5	11	6	2	3	4	2	5
7	2	0	0	0	0	1	1	2	5	8	7	7	3
8	3	3	0	2	4	2	5	6	7	12	9	9	5
9	2	2	1	4	7	2	7	7	4	7	10	5	5
10	10	5	8	5	11	6	10	5	3	2	3	5	6
11	2	4	9	0	10	5	12	7	5	7	5	3	6
12	3	5	2	2	5	3	5	3	2	0	0	0	3
13	0	0	0	2	2	0	2	1	3	4	4	2	2
14	2	1	3	2	2	8	1	7	5	6	2	3	4
15							- DATA MISSING -						
16	1	3	0	8	13	8	8	9	9	4	3	3	6
17	5	2	3	0	4	5	4	3	11	9	2	5	4
18	5	0	4	2	4	0	0	4	6	2	4	3	3
19	2	4	5	17	11	14	12	10	12	17	19	12	11
20	11	9	4	5	5	7	7	9	7	5	3	2	6
21	1	2	1	3	2	2	4	3	4	6	4	10	4
22	5	2	1	2	0	3	2	2	0	6	3	5	3
23							- DATA MISSING -						
24	5	4	2	3	****	****	****	****	****	****	****	****	****
25							- DATA MISSING -						
26							- DATA MISSING -						
27							- DATA MISSING -						
28							- DATA MISSING -						
29							- DATA MISSING -						
30							- DATA MISSING -						
MEAN	4	3	2	4	4	4	5	5	5	6	5	5	4

PERCENTAGE OF DATA VALID - 67

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - 649 CASSELLS ST NORTH BAY

NO 75018

MONTH DEC 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1							- DATA MISSING -						
2	****	****	****	****	****	2	3	5	0	0	0	2	****
3	0	2	1	0	3	7	3	11	5	7	2	3	4
4	0	0	4	5	2	2	2	4	5	2	2	0	2
5	0	0	2	3	3	7	5	8	3	2	3	0	3
6	0	2	2	0	0	5	2	1	2	0	0	0	1
7	2	2	3	7	2	9	6	13	9	7	3	5	5
8	0	3	3	3	3	5	3	9	3	7	4	0	4
9	0	2	3	3	3	3	3	12	4	0	2	2	3
10	2	1	3	5	3	4	3	9	6	2	5	5	4
11	1	2	3	5	4	5	5	7	3	3	4	2	4
12	2	0	2	2	3	5	6	4	0	2	2	4	3
13	2	0	5	2	1	5	5	3	2	0	5	3	3
14	2	5	4	0	7	6	5	7	4	3	4	2	4
15	2	2	11	9	5	6	5	19	4	3	0	2	6
16	1	3	3	2	5	5	5	9	3	0	3	3	4
17	4	3	9	9	5	11	7	7	7	19	15	15	9
18	15	9	15	15	6	9	13	21	11	9	9	5	11
19	3	2	7	11	5	13	6	3	3	2	0	3	5
20	9	3	8	4	9	7	6	4	3	13	15	9	8
21	8	7	11	19	12	21	9	19	6	9	3	5	11
22	2	0	2	2	5	5	5	11	0	10	6	3	4
23	0	0	0	3	3	6	4	5	3	3	5	3	3
24	3	3	5	4	2	4	8	5	16	7	0	2	5
25	3	5	5	5	2	9	5	9	2	5	3	2	4
26	4	7	2	9	7	5	3	15	16	9	15	6	7
27	9	7	9	15	12	5	3	3	3	3	3	2	5
28	0	3	7	7	8	7	5	19	15	13	15	12	9
29	5	7	0	7	7	7	5	11	13	13	21	9	11
30	9		19	15	7								
31	3	8	7	3	9	11	28	21	15	17	12	8	12
MEAN	3	3	5	6	5	7	6	9	6	6	6	4	5

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - 649 CASSELLS ST NORTH BAY NO 75018

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR	12	3	5	15
APR	1	2	2	5
MAY	31	3	5	15
JUN	30	2	4	11
JUL	26	2	4	10
AUG	31	2	4	9
SEP	15	3	7	12
OCT	20	4	7	21
NOV	21	4	11	19
DEC	30	5	12	28
YEAR	217	3	12	28

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - PARTICULATES - SOILING INDEX UNIT - COHS/1000FEET X 10
STATION - 649 CASSELLS ST NORTH BAY NO 75018

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR	95	37	5	0	0	0	0	137
APR	11	1	0	0	0	0	0	12
MAY	293	73	5	0	0	0	0	371
JUN	323	36	1	0	0	0	0	360
JUL	257	41	0	0	0	0	0	298
AUG	310	55	0	0	0	0	0	365
SEP	130	46	4	0	0	0	0	180
OCT	145	81	7	2	1	0	0	236
NOV	146	83	12	3	0	0	0	244
DEC	180	127	34	9	5	0	0	355
YEAR	1890	580	68	14	6	0	0	2558

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	PERCENT 95	98	99	MAX	ARITH MEAN
69	0	0.4	1.3	2.1	3.5	6.4	8.6	11.8	14.6	28	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	4	2	4	1	2	4	4	0	6	4	0	3
2	2	1	4	2	2	4	6	6	2	8	6	6	4
3	1	2	2	1	0	6	0	4	2	4	4	2	2
4	1	2	4	4	1	1	0	1	2	0	1	0	1
5	0	1	4	0	0	5	9	2	0	1	0	5	1
6	2	3	6	3	0	0	0	2	4	1	0	0	2
7	4	4	3	0	0	2	0	2	0	2	1	0	1
8	0	0	0	3	0	0	0	2	0	0	0	0	0
9	1	0	0	0	0	1	0	2	0	0	1	0	0
10	1	0	1	0	0	0	0	2	0	1	0	0	0
11	0	1	0	1	2	0	2	0	1	5	5	2	2
12	0	0	0	0	3	2	1	4	4	3	0	1	2
13	2	2	0	0	0	0	1	2	2	1	0	0	1
14	0	0	0	3	0	2	1	4	2	0	2	0	1
15	2	2	2	4	3	3	1	2	2	0	2	2	2
16	0	0	2	1	4	4	4	****	****	****	****	****	****
17							- DATA MISSING -						
18							- DATA MISSING -						
19							- DATA MISSING -						
20							- DATA MISSING -						
21							- DATA MISSING -						
22	****	****	****	****	****	4	2	4	1	2	8	2	****
23	4	0	1	0	0	2	0	1	12	10	6	6	3
24	4	4	8	2	4	2	4	6	1	2	6	1	6
25	6	12	4	6	8	6	8	10	4	6	1	****	3
26	2	2	1	1	1	6	8	6	1	4	1	0	6
27	1	10	0	1	2	2	2	0	4	2	1	2	3
28	4	2	8	1	6	8	8	4	4	4	0	0	4
29	1	2	1	1	2	2	1	0	0	1	1	0	1
30	2	1	4	8	2	2	2	1	8	4	0	0	3
31	0	0	0	1	4	1	2	1	1	0	0	2	1
MEAN	2	2	2	2	2	3	3	3	2	3	2	2	2

PERCENTAGE OF DATA VALID - 80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	6	6	4	0	4	1	6	2	2	0	0	3
2	0	2	2	1	6	2	1	1	2	4	1	2	2
3	2	2	0	2	1	2	1	4	4	6	6	6	3
4	12	10	25	4	4	6	6	2	0	6	6	4	7
5	4	6	6	1	6	1	1	4	2	1	6	4	4
6	6	8	10	6	4	2	6	2	6	2	4	1	5
7	1	4	6	2	2	2	6	1	2	4	0	4	4
8	0	1	1	4	2	1	4	0	4	2	0	****	2
9	****	****	0	1	0	3	3	6	5	5	8	8	4
10	13	5	5	5	5	7	0	2	2	2	0	0	4
11	0	2	2	0	1	0	0	2	3	2	2	0	1
12	0	0	2	0	2	0	0	2	3	8	0	0	1
13	1	2	1	2	7	2	2	1	0	1	2	2	2
14	2	2	1	8	9	5	2	5	1	3	3	7	4
15	4	2	4	3	8	2	3	2	0	0	0	****	3
16	1	1	4	4	1	0	2	1	4	6	6	1	3
17	1	1	6	6	8	4	2	4	6	2	4	2	4
18	12	8	8	4	2	4	0	0	2	4	0	2	4
19	2	0	2	2	1	4	2	2	2	2	4	2	2
20	0	0	2	4	4	1	4	1	2	1	4	2	2
21	8	1	1	0	0	2	6	2	4	1	2	0	2
22	0	4	1	4	1	0	6	0	1	4	0	2	2
23	2	4	1	2	6	0	2	4	4	2	1	2	3
24	0	1	0	2	2	0	4	2	4	2	1	1	2
25	6	1	0	4	0	0	1	0	0	2	4	2	2
26	1	8	2	4	2	1	2	4	0	4	1	4	3
27	2	4	4	4	4	2	0	1	0	4	6	1	3
28	4	2	1	1	0	4	0	2	4	1	2	6	2
MEAN	3	3	4	3	3	2	2	2	2	3	3	2	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	6	14	12	10	4	0	4	2	4	4	4	6	6
2	1	6	2	1	2	1	0	4	2	4	1	4	2
3	4	0	4	1	1	4	8	6	4	0	1	2	3
4	1	2	4	4	6	0	0	1	1	0	2	2	2
5	2	0	0	0	0	2	4	4	4	4	6	8	3
6	4	12	8	4	1	1	2	1	1	0	6	0	3
7	2	1	4	0	1	1	1	1	6	2	2	1	2
8	1	0	0	0	2	1	4	2	1	6	4	4	2
9	0	1	2	2	1	0	0	2	2	0	0	1	1
10	2	0	0	0	0	2	4	4	2	1	1	0	1
11	1	0	4	0	0	2	1	0	0	6	0	2	1
12	1	2	0	0	1	2	1	2	1	4	2	6	2
13	1	2	4	4	4	1	4	2	0	1	0	0	2
14	1	4	1	2	0	0	2	2	2	2	2	1	2
15	2	1	0	2	4	1	2	1	1	0	1	0	1
16	1	1	2	0	0	1	1	4	0	6	2	1	2
17	6	2	1	4	6	0	1	10	0	4	0	2	3
18	4	****	4	6	2	2	6	8	6	6	2	8	5
19	10	4	6	6	2	1	2	2	2	12	10	8	5
20	4	6	4	0	0	4	6	6	2	4	4	4	4
21	2	2	1	1	2	1	2	0	4	2	2	4	2
22	1	2	2	0	2	2	2	1	1	2	0	2	1
23	2	4	2	1	1	4	0	1	2	1	0	1	2
24	0	0	1	1	1	0	0	2	0	2	0	1	1
25	2	1	1	1	1	0	2	4	10	4	4	2	3
26	4	2	2	1	1	1	4	2	4	0	4	1	2
27	4	0	0	1	1	1	1	4	2	4	2	2	2
28	0	2	2	1	2	0	1	0	2	1	6	1	2
29	2	1	4	0	4	0	1	2	8	6	4	2	3
30	2	6	4	2	1	0	1	1	2	4	8	10	3
31	6	6	8	0	4	4	4	2	1	0	2	4	3
MEAN	2	3	3	2	2	1	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	4	8	8	1	0	1	2	1	1	8	1	2	3
2	2	2	2	1	2	0	0	2	4	0	0	4	2
3	1	0	2	2	1	0	1	1	0	4	2	1	1
4	4	0	1	2	1	1	2	0	4	2	0	2	2
5	2	4	4	1	1	0	2	4	1	1	0	0	2
6	2	4	1	4	2	1	2	1	1	2	1	2	2
7	1	4	1	4	0	2	1	2	4	0	2	4	2
8	4	2	4	2	2	4	1	4	2	4	6	4	3
9	1	1	2	1	2	1	0	1	1	0	1	2	1
10	1	1	1	2	1	1	1	2	2	2	0	1	1
11	2	0	1	2	1	1	0	2	4	2	4	2	2
12	2	2	1	4	1	1	1	0	1	8	6	2	2
13	2	1	1	1	0	0	1	4	1	2	0	0	2
14	2	6	0	1	0	0	0	2	1	4	1	1	2
15	2	2	0	4	0	4	0	4	4	2	2	2	2
16	2	1	2	2	2	4	2	4	4	4	2	2	2
17	4	1	1	2	1	2	4	1	1	2	0	1	2
18	1	2	2	2	4	2	0	4	4	2	2	2	2
19	2	1	1	1	2	2	1	2	0	0	0	4	1
20	0	2	6	4	1	2	4	2	4	6	6	2	3
21	2	2	4	1	2	2	2	2	2	1	0	1	2
22	4	2	1	1	4	2	2	2	2	1	4	0	2
23	1	2	1	1	2	1	0	1	0	4	0	2	1
24	6	8	1	2	1	1	0	2	2	1	6	2	2
25	2	4	1	1	1	1	0	2	2	2	6	12	3
26	6	4	4	0	2	2	2	2	2	2	0	1	4
27	1	16	4	2	2	2	4	2	4	2	1	4	4
28	4	4	2	4	2	2	2	1	1	4	4	2	3
29	0	1	2	2	4	10	4	4	1	2	4	1	4
30	2	4	2	4	4	6	2	4	6	4	4	2	4
MEAN	2	3	2	2	2	2	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	1	4	4	2	2	4	4	2	1	2	2	2
2	1	2	1	2	4	2	2	1	2	0	4	0	2
3	0	1	2	1	1	4	4	2	1	0	0	6	2
4	4	6	4	2	2	1	2	1	2	0	0	1	2
5	2	0	1	1	2	1	4	2	2	1	0	2	2
6	0	2	1	1	0	2	0	4	4	4	4	4	2
7	1	2	1	2	2	1	1	2	1	2	1	2	2
8	4	10	12	4	2	2	4	2	1	2	1	2	2
9	0	4	1	1	0	2	2	1	1	1	2	1	4
10	1	1	0	2	1	0	0	0	0	0	0	0	1
11	1	0	2	2	1	2	1	0	2	2	6	2	2
12	1	0	2	0	1	4	2	5	7	2	4	4	3
13	0	1	2	3	0	6	5	0	0	0	3	2	2
14	2	2	0	0	2	2	2	2	2	1	3	4	2
15	0	0	0	2	0	2	7	3	3	1	0	0	2
16	2	2	1	2	0	0	0	2	0	2	0	0	1
17	0	0	0	0	2	7	2	0	4	0	4	0	2
18	2	5	3	7	2	0	0	1	3	3	0	2	2
19	3	0	2	4	2	0	5	4	7	0	0	0	2
20	0	0	2	3	0	1	5	4	7	0	0	0	2
21	****	****	****	****	1	2	3	2	0	3	4	0	2
22	0	2	0	3	4	0	0	1	2	1	0	0	1
23	7	2	4	6	0	1	0	2	3	3	0	0	2
24	0	0	2	0	2	1	0	2	2	3	0	0	1
25	0	4	0	4	8	5	1	1	7	0	2	3	3
26	2	2	0	0	2	0	4	3	0	0	0	0	1
27	1	0	0	0	0	0	0	0	1	2	0	5	1
28	1	2	2	0	2	2	1	2	0	1	3	2	2
29	4	0	3	5	8	6	0	2	1	1	2	2	3
30	0	2	0	0	2	3	3	1	6	7	1	2	2
31	0	0	0	0	0	2	3	2	0	0	0	2	1
MEAN	1	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	4	4	2	0	2	1	1	0	2	6	2
2	2	0	2	2	2	0	4	2	1	0	2	0	2
3	0	2	2	4	1	1	****	****	****	****	****	****	****
4							- DATA MISSING -						
5							- DATA MISSING -						
6							- DATA MISSING -						
7							- DATA MISSING -						
8							- DATA MISSING -						
9							- DATA MISSING -						
10							- DATA MISSING -						
11							- DATA MISSING -						
12							- DATA MISSING -						
13							- DATA MISSING -						
14							- DATA MISSING -						
15							- DATA MISSING -						
16							- DATA MISSING -						
17	****	****	****	****	0	0	3	1	1	0	4	3	2
18	0	2	1	6	4	0	0	4	0	3	0	0	2
19	0	0	2	2	0	3	0	0	0	2	2	0	1
20	5	1	1	3	2	0	1	6	2	1	2	2	2
21	0	0	2	5	1	0	0	0	2	0	0	0	1
22	1	1	0	8	3	0	0	5	0	0	0	2	2
23	0	0	1	7	4	2	6	0	0	3	3	2	3
24	0	2	2	2	2	1	2	2	2	2	2	1	2
25	1	0	0	1	0	0	2	1	0	1	0	2	1
26	0	2	2	5	0	0	2	2	0	1	1	2	1
27	4	2	0	0	0	0	0	5	4	3	3	0	2
28	5	0	2	5	0	3	2	0	0	0	0	2	2
29	****	0	7	0	0	0	0	0	0	0	1	0	1
30	0	0	0	0	0	1	0	2	0	0	1	2	1
MEAN	1	1	2	3	1	1	2	2	1	1	1	2	1

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY					NO 77016		MONTH JUL 70							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	3	0	0	0	2	1	2	0	2	1	0	1	
2	4	0	0	0	0	2	0	1	***	3	1	0	1	
3	1	1	2	2	0	0	2	1	2	0	2	2	1	
4	2	2	3	1	0	1	0	0	2	0	1	2	1	
5	2	0	0	0	0	0	1	1	2	2	2	***	1	
6	***	***	***	2	2	0	3	2	0	0	1	0	1	
7	2	3	1	2	2	1	3	0	0	2	0	3	2	
8	2	1	2	5	2	2	4	0	2	0	2	4	2	
9	3	3	2	0	0	4	2	7	2	3	5	3	3	
10	2	4	4	8	5	3	2	1	3	2	1	2	3	
11	2	2	3	3	2	3	3	6	3	3	4	3	3	
12	2	5	2	2	2	3	0	2	1	0	6	***	2	
13	***	3	1	3	4	3	2	2	3	0	2	1	2	
14	4	1	2	4	4	2	3	2	3	2	1	0	2	
15	0	0	0	1	2	4	1	0	1	1	5	1	1	
16	1	0	2	2	2	2	0	0	0	3	2	2	1	
17	2	0	0	2	2	1	2	2	0	0	1	1	1	
18	1	2	0	3	0	0	0	3	0	2	2	2	1	
19	0	0	0	0	3	2	2	0	1	2	2	3	1	
20	***	***	0	0	2	0	0	0	1	2	2	0	1	
21	2	0	2	0	2	0	1	2	2	0	2	1	1	
22	2	2	5	7	0	3	0	2	3	2	2	2	3	
23	1	3	5	11	7	0	5	2	2	0	3	5	4	
24	5	3	2	2	2	0	4	2	4	5	3	5	3	
25	2	2	6	2	2	3	0	3	2	1	2	5	3	
26	3	7	5	5	5	1	5	2	2	3	2	***	4	
27	***	0	7	14	6	0	5	0	5	2	2	5	4	
28	3	2	4	3	0	0	0	0	0	4	2	2	2	
29	3	9	7	9	7	2	0	2	2	3	2	7	4	
30	5	2	1	5	2	4	5	2	3	5	3	5	4	
31	0	2	3	0	3	2	5	1	2	2	2	2	2	
MEAN	2	2	2	3	2	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY					NO 77016		MONTH AUG 70							
HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN	
1	2	2	0	1	2	0	1	0	2	0	0	2	1	
2	1	0	2	0	0	4	0	7	2	1	0	***	2	
3	***	2	0	0	0	1	0	2	0	2	0	0	2	
4	2	1	0	3	1	0	2	2	0	3	3	1	2	
5	2	1	1	3	0	0	0	2	2	3	2	3	2	
6	0	2	0	9	2	1	0	2	0	2	3	1	2	
7	3	2	7	8	5	3	1	1	2	2	2	2	3	
8	2	3	2	3	0	0	5	0	2	3	2	3	2	
9	2	3	2	3	5	2	0	0	3	2	***	***	2	
10	***	2	2	2	1	0	4	1	1	2	2	5	2	
11	2	2	4	4	1	3	6	1	2	2	2	2	3	
12	3	3	3	3	2	6	3	0	0	0	6	1	3	
13	2	2	5	7	3	3	1	4	1	7	4	2	3	
14	4	3	7	7	5	4	3	3	4	2	2	5	4	
15	3	3	6	5	6	5	0	1	3	3	3	2	3	
16	2	2	0	0	3	2	0	3	0	0	5	***	2	
17	***	0	2	3	0	0	1	3	0	0	0	0	1	
18	3	2	3	3	2	2	1	1	0	2	2	4	2	
19	2	1	3	5	0	2	2	3	4	5	2	2	3	
20	2	0	3	2	2	0	2	0	3	0	1	2	1	
21	2	2	3	0	2	3	0	1	0	2	3	3	2	
22	0	2	1	2	1	5	0	3	0	3	3	0	2	
23	0	1	0	3	0	2	0	0	0	4	1	***	1	
24	3	***	2	2	3	5	2	2	3	1	0	0	2	
25	5	0	1	2	2	0	2	3	1	0	3	0	2	
26	0	2	3	0	3	2	2	0	1	2	6	0	1	
27	1	3	2	2	0	0	3	2	3	0	0	3	2	
28	1	5	5	3	0	0	0	2	0	0	0	0	1	
29	0	2	0	0	2	0	2	0	2	0	0	0	1	
30	2	2	3	2	2	5	2	2	2	0	2	***	2	
31	***	0	2	0	1	2	0	4	0	3	2	1	1	
MEAN	2	2	2	3	2	2	1	2	1	2	2	2	2	

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	3	2	0	0	0	1	0	1	2	3	1
2	2	5	3	3	9	2	2	2	3	3	0	3	3
3	0	5	2	2	2	2	7	1	3	0	2	0	2
4	0	2	0	2	3	2	0	0	0	2	2	2	1
5	1	2	0	0	0	3	0	2	0	0	2	0	1
6	3	4	3	3	2	2	0	1	2	0	2	7	1
7	3	2	2	0	3	1	1	5	0	3	0	2	2
8	0	0	0	3	5	0	2	5	3	3	0	3	2
9	1	3	0	3	2	2	2	5	3	3	3	3	2
10	4	0	3	3	4	1	1	2	0	2	0	3	2
11	2	0	0	6	1	2	2	0	2	2	2	7	2
12	3	2	4	3	2	2	2	2	0	3	4	2	2
13	0	2	0	0	0	0	0	2	0	0	2	0	1
14	2	1	2	5	4	3	3	2	2	1	3	0	2
15	5	0	2	5	3	0	3	3	3	0	7	0	3
16	3	0	0	0	0	0	0	0	2	0	7	0	1
17	2	3	3	0	5	2	3	1	3	2	2	3	2
18	4	3	0	9	3	5	2	0	3	2	0	3	3
19	3	0	2	3	2	2	2	0	1	2	2	2	2
20	2	3	1	0	2	1	3	2	3	2	3	3	2
21	1	2	3	5	2	0	5	0	2	3	6	4	3
22	2	3	1	4	1	2	2	1	2	5	2	0	2
23	0	2	2	2	0	0	2	3	0	6	0	2	2
24	0	1	2	0	0	0	3	0	5	7	2	2	2
25	3	3	2	2	0	5	0	0	3	2	0	4	2
26	3	2	0	0	2	3	3	0	1	0	0	2	1
27	0	3	2	0	2	0	0	0	2	0	1	1	1
28	0	2	0	3	2	0	2	1	2	0	0	0	1
29	0	3	4	8	3	0	2	2	2	3	2	2	3
30	2	0	3	0	2	2	2	0	3	0	0	0	1
MEAN	2	2	2	3	2	1	2	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 70

HOUR DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	1	0	2	4	3	2	2	1	4	2	0	4	2
2	5	0	2	3	3	0	3	1	3	3	0	2	2
3	0	3	0	0	0	3	2	****	****	****	****	****	****
4							- DATA MISSING -						
5	2	0	9	7	3	0	0	6	0	6	0	7	3
6	5	3	7	6	7	3	4	2	4	6	5	8	5
7	4	5	7	2	7	2	2	6	5	5	7	8	5
8	2	6	6	12	7	8	6	2	5	7	10	7	7
9	7	6	2	9	5	4	2	4	3	2	5	2	4
10	5	2	1	5	0	2	1	1	2	3	0	0	2
11	2	0	3	8	8	0	2	2	2	5	5	1	3
12	3	1	3	2	4	3	3	4	3	0	5	7	3
13	6	9	4	9	1	2	6	2	6	5	0	3	4
14	3	0	4	2	5	5	4	2	2	0	2	0	2
15	0	0	2	2	0	1	3	0	0	3	2	7	1
16	0	4	3	0	2	2	2	0	3	2	9	0	2
17	6	3	5	2	1	0	2	0	0	0	5	1	1
18	2	3	0	3	2	2	2	0	3	2	2	7	3
19	1	2	2	9	5	2	4	0	3	3	2	7	3
20	4	3	9	5	4	6	2	0	5	2	7	9	5
21	0	6	2	5	7	3	9	3	4	3	1	3	4
22	4	2	0	2	2	2	2	0	6	3	4	4	3
23	4	0	8	8	9	8	4	2	9	8	16	12	7
24	5	5	5	5	4	9	1	7	4	2	0	0	4
25	0	0	2	2	3	1	0	4	3	2	0	0	1
26	2	1	7	4	3	3	2	3	1	0	9	2	3
27	0	4	0	3	1	2	2	1	0	2	2	2	3
28	1	2	2	7	2	2	5	4	5	4	3	4	3
29	2	2	2	4	1	6	5	5	9	2	7	4	4
30	2	2	2	4									
31	3	3	0	1	1	2	1	3	0	6	2	5	2
MEAN	3	2	3	4	3	3	3	2	3	3	4	4	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	2	2	3	3	4	2	3	2	2	8	2	4	3
2	2	5	3	3	4	2	2	2	1	5	2	1	3
3	5	0	3	0	0	1	2	2	0	12	4	13	4
4	8	7	4	3	2	0	3	0	0	1	3	2	3
5	0	0	0	0	3	0	2	0	0	0	1	0	1
6	3	3	4	5	3	4	3	3	3	5	5	3	4
7	3	0	5	0	2	2	2	5	0	0	0	1	2
8	7	3	9	6	0	2	5	1	9	5	7	11	5
9	3	0	5	3	12	0	5	3	7	7	7	6	5
10	3	2	4	2	5	0	4	7	0	1	2	0	3
11	0	2	5	4	5	2	0	5	0	5	0	5	3
12	2	1	3	2	4	3	3	4	0	3	0	2	2
13	3	0	3	3	0	5	0	3	0	7	2	3	2
14	0	2	0	2	3	0	2	0	2	0	0	2	1
15	2	0	3	3	1	2	0	0	1	0	0	5	1
16	2	9	3	5	2	3	0	7	4	0	2	3	3
17	3	2	1	2	5	0	3	2	4	0	5	2	2
18	4	0	3	4	3	7	5	4	4	2	3	4	4
19	5	4	2	6	13	3	5	4	7	8	9	9	6
20	6	3	7	5	4	7	7	5	6	0	3	0	4
21	2	3	0	0	2	1	3	0	2	2	3	9	2
22	7	4	5	0	0	2	0	2	3	0	2	2	2
23							- DATA MISSING	-					
24							- DATA MISSING	-					
25							- DATA MISSING	-					
26							- DATA MISSING	-					
27							- DATA MISSING	-					
28							- DATA MISSING	-					
29							- DATA MISSING	-					
30	0	0	0	0	3	0	2	2	4	0	2	2	1
MEAN	3	2	3	3	3	2	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 70

HOURLY DAY	2	4	6	8	10	12	14	16	18	20	22	24	MEAN
1	0	2	0	2	2	0	1	1	0	1	0	1	1
2	2	3	1	2	0	2	0	0	0	3	0	3	1
3	0	3	0	0	3	0	1	2	2	2	0	0	1
4	0	1	1	0	3	2	5	0	0	0	0	2	1
5	0	2	0	0	0	0	2	1	5	0	0	1	1
6	3	2	2	0	0	2	0	0	0	2	3	0	1
7	2	3	0	0	2	0	2	0	0	0	0	3	1
8	3	0	0	0	0	2	2	0	0	0	0	2	1
9	0	0	2	0	3	5	2	2	0	2	0	0	1
10	3	0	2	0	2	0	2	0	0	0	2	0	1
11	3	0	3	2	0	2	3	2	0	3	2	3	2
12	2	0	0	0	0	2	0	3	0	3	0	2	1
13	0	4	0	3	2	1	0	0	0	2	0	0	1
14	0	0	0	1	2	1	1	0	0	0	0	0	0
15	0	0	0	1	3	0	0	1	5	2	1	0	1
16	1	1	0	1	1	1	1	1	1	1	1	1	1
17	1	0	0	1	4	1	2	0	3	1	3	4	2
18	2	2	2	2	2	5	3	3	2	2	2	2	2
19	2	1	1	1	2	1	0	0	0	0	0	0	1
20	0	0	0	0	1	1	0	0	0	1	0	0	0
21	0	0	1	3	2	1	0	2	0	1	2	2	1
22	0	0	0	1	5	0	0	0	0	0	0	0	1
23	0	0	0	1	2	0	1	1	0	0	0	0	0
24	0	0	0	0	0	0	0	1	3	4	4	5	1
25	2	1	3	0	0	1	1	1	1	0	1	1	1
26	0	0	0	3	1	2	0	0	2	6	4	3	2
27	3	2	1	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	1	1	0	0
29	0	0	0	0	0	0	2	1	2	1	0	0	1
30	0	1	0	0	1	0	1	3	6	7	6	5	3
31	6	5	2	4	7	6	5	3	1	3	2	2	4
MEAN	1	1	1	1	2	1	1	1	1	2	1	1	1

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - PARTICULATES - SOILING INDEX

UNITS - COHS/1000FEET X 10

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	2	6	12
FEB	28	3	7	25
MAR	31	2	6	14
APR	30	2	4	16
MAY	31	2	4	12
JUN	17	1	3	8
JUL	31	2	4	14
AUG	31	2	4	9
SEP	30	2	3	9
OCT	30	3	7	16
NOV	23	3	6	13
DEC	31	1	4	7
YEAR	339	2	7	25

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - PARTICULATES - SOILING INDEX

UNIT - COHS/1000FEET X 10

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 04	05 TO 10	11 TO 15	16 TO 20	21 TO 30	31 TO 40	41 & OVER	TOTAL
JAN	260	39	2	0	0	0	0	301
FEB	270	58	3	0	1	0	0	332
MAR	324	43	4	0	0	0	0	371
APR	340	18	1	1	0	0	0	360
MAY	335	25	1	0	0	0	0	361
JUN	179	14	0	0	0	0	0	193
JUL	319	40	2	0	0	0	0	361
AUG	328	33	0	0	0	0	0	361
SEP	332	28	0	0	0	0	0	360
OCT	257	95	2	1	0	0	0	355
NOV	213	58	5	0	0	0	0	276
DEC	355	17	0	0	0	0	0	372
YEAR	3512	468	20	2	1	0	0	4003

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	0	0.2	0.7	1.3	2.1	4.6	5.9	7.7	8.9	25	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	0	0	0	0	0	0	0	***
12	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	***	1	1	1	2	2	1	2	2	***
13	2	2	2	2	1	1	1	1	2	0	1	1	1	1	1	1	2	2	1	1	1	2	2	1	1
14	2	2	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	1	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	***	***	***	***	***	4	3	4	3	3	3	3	2	3	3	3
17	3	3	2	2	1	1	1	2	2	***	1	1	1	2	3	3	4	3	2	2	2	2	2	2	2
18	2	2	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1
19	1	1	1	2	2	2	1	1	1	***	1	2	2	2	2	2	2	1	1	1	1	1	2	2	1
20	2	2	2	2	2	1	1	1	1	***	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	1	2	2	***	***	2	1	1	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	***	***	0	3	4	3	3	3	3	3	3	3	3	3	2
25	2	2	2	2	2	2	2	2	2	2	2	***	***	3	2	2	1	1	0	0	0	0	1	1	2
26	1	0	0	0	0	0	1	1	1	2	4	1	0	0	3	2	2	2	2	***	2	2	2	2	2
27	2	2	2	2	3	1	2	2	2	0	0	0	***	***	***	2	2	2	2	2	2	2	2	2	2
28	2	2	2	1	2	2	2	2	2	8	5	3	3	4	4	3	3	3	2	3	3	3	3	3	3
MEAN	2	2	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	5
3	6	6	6	7	7	7	7	7	6	6	1	2	2	2	3	3	3	3	3	3	2	2	2	3	4
4	3	3	3	3	3	3	4	4	4	3	3	4	5	4	4	5	4	3	3	2	2	2	3	3	3
5	3	4	4	4	4	4	4	5	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	4	4	4	4	4	4	5	5	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	0	0	0	0	****
11	0	0	0	0	0	0	0	0	****	0	1	0	1	2	2	4	2	1	1	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	****	0	0	0	0	1	2	2	3	4	1	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	4	2	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	2	****	****	****	****	****	****	****	****	****	****	****	****
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	****	****	****	****	****	****	2	3	****
21	4	4	4	4	4	3	3	3	****	1	0	0	0	3	4	3	4	3	4	3	3	3	4	3	3
22	3	3	3	3	3	2	3	3	3	4	4	4	4	4	4	4	5	6	5	4	5	4	3	4	4
23	4	4	5	4	3	5	4	4	4	****	3	4	4	4	5	4	4	4	3	4	5	5	5	4	4
24	6	7	5	3	3	3	3	3	3	****	4	4	****	4	5	5	6	6	5	4	3	3	3	5	4
25	6	4	4	3	3	4	4	5	4	****	5	5	6	6	5	5	6	6	5	4	3	3	3	4	4
26	4	4	4	4	4	4	4	4	4	5	****	7	7	7	7	8	8	8	8	6	6	6	6	6	6
27	7	7	8	7	6	5	5	5	6	****	6	6	6	6	6	6	6	6	5	4	5	5	5	6	6
28	4	3	3	4	3	2	3	3	3	****	2	3	3	4	4	3	3	2	2	2	2	2	2	2	3
29	2	2	1	1	1	1	2	2	****	2	3	3	3	4	4	4	4	4	4	4	4	3	2	3	3
30	2	3	2	2	1	1	1	2	****	2	2	3	3	3	4	4	4	4	4	3	4	5	2	2	3
MEAN	3	3	3	3	2	2	2	2	3	1	2	3	3	4	4	4	5	4	4	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	2	3	****	****	3	3	3	3	3	3	3	3	3	2	2	3	2	3	3
2	3	2	3	3	3	3	3	3	3	3	****	3	3	4	4	4	3	3	3	2	2	3	2	3	3
3	2	2	2	2	3	2	2	2	3	****	4	4	5	5	5	6	6	6	6	5	4	4	3	4	4
4	5	3	3	3	3	5	4	6	6	****	4	3	3	3	3	3	3	4	6	6	6	7	7	4	4
5	6	7	6	6	5	6	4	3	3	****	3	4	4	4	3	3	7	7	6	5	6	5	5	6	5
6	6	7	7	7	7	7	7	7	****	****	3	4	5	5	5	4	3	4	3	3	3	3	3	3	5
7	3	3	3	4	4	4	4	5	****	****	5	5	5	6	8	8	8	8	8	4	3	2	3	3	5
8	3	3	2	3	3	3	3	3	4	****	5	6	6	7	6	6	7	7	6	3	3	3	3	3	4
9	3	3	3	6	6	4	4	5	****	****	5	6	8	7	7	7	7	8	6	7	4	4	4	4	5
10	4	4	3	3	4	4	3	****	3	3	3	3	4	4	4	4	4	4	4	3	3	2	3	2	3
11	3	2	2	1	1	1	1	1	****	4	4	3	3	3	4	3	4	4	3	1	0	0	1	1	2
12	1	1	1	2	1	1	2	3	****	****	4	5	4	4	5	4	5	5	6	6	6	6	6	6	4
13	6	7	6	5	5	5	5	5	****	****	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	3	3	3	3	3	2	4	4	****	5	4	4	6	10	9	10	10	7	4	4	4	4	4	4	5
16	3	3	3	3	3	3	3	3	****	3	3	3	4	4	4	5	5	4	4	3	3	3	4	3	3
17	4	3	5	5	5	5	4	3	****	5	5	5	5	5	6	6	6	6	5	5	6	7	7	6	5
18	7	7	8	8	7	7	8	8	****	7	7	6	8	10	9	9	8	10	9	8	6	5	5	5	7
19	5	5	5	5	6	6	6	6	****	6	6	6	7	7	9	9	9	9	9	6	8	5	4	4	6
20	4	4	5	4	3	2	3	****	****	****	3	5	5	5	5	6	6	8	8	4	8	8	7	7	5
21	7	3	4	4	3	3	3	4	****	****	7	10	11	12	13	13	14	11	8	7	6	5	4	5	7
22	5	5	4	4	5	5	4	5	****	4	7	7	8	9	8	7	7	6	4	3	2	2	3	2	5
23	2	2	3	3	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	3	3	3	3	3	3	****	2	2	3	3	3	3	3	3	3	4	4	5	4	3	3	4
25	3	3	2	2	2	2	2	2	****	3	4	4	5	7	7	5	3	4	5	4	4	5	4	3	4
26	3	3	2	2	2	2	2	2	****	3	4	4	5	5	6	5	5	4	4	3	3	3	2	2	3
27	3	3	2	2	2	2	3	3	****	3	3	3	5	4	4	4	4	4	4	3	3	4	3	3	3
28	4	4	4	3	3	3	3	3	****	4	5	4	4	4	4	5	5	4	4	5	4	5	6	5	4
29	5	4	4	4	3	3	3	3	****	3	8	10	11	12	13	13	11	9	7	6	5	6	5	7	7
30	5	4	5	5	4	5	4	5	****	5	5	7	8	8	8	8	8	8	8	6	5	4	4	4	6
31	5	4	4	4	4	4	4	4	****	4	4	4	4	4	4	5	4	4	3	3	2	2	2	2	4
MEAN	4	4	4	4	4	4	4	4	3	4	4	5	5	6	6	6	6	6	5	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	5	5	5	5	6	4	4	5	4	3	4	5	4	2	1	1	1	1	1	4
2	1	1	1	1	2	1	1	2	2	4	4	4	4	5	4	3	4	3	3	3	1	1	1	1	2
3	2	2	2	2	2	2	1	1	1	2	3	3	4	4	5	5	5	4	4	4	4	3	4	3	3
4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	3	2	3
5	2	2	2	2	3	3	3	3	3	3	4	4	5	5	4	8	8	9	5	3	2	2	2	2	4
6	2	3	3	3	2	2	3	3	3	3	3	3	4	4	4	3	3	3	4	4	3	2	3	3	3
7	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	6	6	6	6	4	4	4	4	4	4
8	3	4	3	3	3	4	4	4	4	4	6	7	7	7	6	7	6	5	4	3	3	2	3	4	4
9	5	5	4	3	2	2	2	2	2	7	8	8	9	10	10	12	12	11	10	8	7	6	6	5	8
10	5	4	2	3	2	2	2	3	2	6	5	8	9	11	13	12	9	8	8	7	4	4	4	4	6
11	3	3	4	3	2	2	3	3	3	8	8	8	9	11	11	9	7	7	7	6	6	3	4	4	6
12	2	2	2	2	2	2	2	2	2	6	7	8	6	6	9	7	5	5	3	3	2	3	3	3	4
13	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3
14	4	4	4	4	4	4	4	4	4	4	4	4	5	6	8	10	9	9	10	7	5	4	3	3	5
15	4	4	3	4	3	3	3	3	3	3	3	4	4	6	7	6	6	7	7	8	7	5	4	4	5
16	4	3	3	3	3	2	2	3	3	6	6	6	8	9	10	10	8	8	6	6	6	3	3	3	5
17	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	8	4	3	4	2	3	3	1	3
18	1	1	1	2	2	2	2	2	2	5	5	6	6	5	5	6	6	5	5	5	3	2	2	2	4
19	2	2	3	2	2	2	2	2	2	3	3	4	5	5	5	5	5	4	4	4	3	3	3	3	3
20	3	4	4	5	5	5	5	5	5	5	6	7	7	7	6	7	7	7	7	7	5	5	4	3	5
21	6	7	7	7	6	6	6	6	6	6	6	4	5	4	4	7	5	5	5	4	4	4	3	4	5
22	5	5	4	4	4	4	5	5	5	6	8	8	8	9	9	10	9	8	6	6	3	3	3	3	6
23	2	3	3	3	3	3	4	5	6	6	9	9	10	11	13	14	12	11	9	5	5	5	5	7	7
24	5	9	9	5	4	4	4	5	7	7	10	8	8	8	5	5	5	5	5	5	3	2	2	3	5
25	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	3
26	2	2	2	2	3	2	3	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	4	5	6	4	3	4	4	4	4
28	5	4	5	5	4	3	5	5	5	4	5	5	5	5	5	5	5	6	7	6	5	5	4	3	5
29	3	3	4	5	4	4	5	5	5	7	9	9	11	11	9	10	8	8	7	7	4	4	4	3	6
30	4	4	4	3	3	4	4	5	5	10	12	10	10	10	11	10	10	10	6	4	2	3	2	2	6
MEAN	3	3	3	3	3	3	3	4	4	5	5	6	6	7	7	7	6	6	5	5	4	3	3	3	5

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	3	1	2	3	4	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7	4	5	4	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	4	3	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	2	2	2	1	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	2	4	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	5	4	4	4	4	4	4	4	4	4	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
2	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2
5	1	1	2	2	2	3	3	3	3	3	3	3	2	0	4	2	3	3	2	2	2	2	2	2	2
6	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	3
7	4	4	4	5	5	5	5	5	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	4
8	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3
10	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	4
11	4	4	4	4	4	4	5	5	5	5	5	5	7	6	8	8	9	13	12	9	4	4	0	4	6
12	1	1	1	1	1	1	1	2	5	9	11	9	12	13	13	14	15	13	8	4	3	3	4	4	6
13	4	4	4	4	4	4	4	4	5	6	8	9	10	11	10	10	10	9	7	5	5	4	4	4	6
14	4	4	4	4	4	4	4	4	5	8	12	14	14	13	15	13	12	12	12	9	8	7	6	6	8
15	6	6	5	5	5	5	5	5	5	4	5	4	5	5	5	6	7	7	7	6	6	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9
17																									
18	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	2	3	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
21	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22	7	7	7	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
23	7	7	7	8	8	7	7	8	8	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	7
24	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	6	6	6	6	5	5	5	5	5	6
25	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	6	6	6	6	6	5
26	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	6	6	6	6	6	5
27	8	8	7	8	7	7	8	7	7	7	7	7	8	8	8	9	9	9	9	8	8	8	8	8	8
28	3	3	3	3	2	3	3	3	3	3	3	3	8	9	9	13	13	12	14	11	8	4	3	4	8
29	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30	1	1	1	1	0	0	0	0	0	1	3	3	3	3	3	3	3	3	4	4	3	2	2	2	2
31	2	1	1	1	1	0	0	3	5	8	10	3	DATA MISSING	DATA MISSING	2	2	1	1	1	1	1	1	1	1	2
MEAN	3	3	4	4	3	3	4	4	4	5	5	5	5	5	6	6	6	5	5	4	4	4	3	4	4

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	3	3	2	3	3	3	DATA MISSING	DATA MISSING	2	1	1	1	DATA MISSING	7	7	7	5	4	3	3	3	3	3
2	3	3	2	2	2	2	4	5	DATA MISSING	DATA MISSING	8	8	7	8	8	8	9	9	8	7	7	7	6	4	6
3	4	4	4	4	2	2	2	2	2	2	2	3	3	4	4	4	4	4	3	3	3	3	2	2	3
4	2	2	2	2	2	2	2	2	DATA MISSING	2	4	5	5	5	5	5	5	5	4	4	3	3	3	3	3
5	3	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	5	4	4	3	2	2	2	3
6	2	2	2	2	2	2	2	2	3	2	3	3	3	4	5	5	5	5	4	4	4	4	3	3	3
7	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	4	5	5	5	5	4	4	3	3	3
8	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	5	5	5	4	4	3	3	3
9	2	2	2	2	2	1	1	1	DATA MISSING	DATA MISSING	5	5	5	5	6	6	7	7	6	5	5	4	3	4	4
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	3
11	1	2	2	2	2	2	2	3	DATA MISSING	4	4	4	5	5	5	5	5	5	4	4	4	3	3	3	3
12	2	3	2	2	2	2	4	7	5	4	4	4	4	5	6	6	6	5	5	4	4	3	1	1	4
13	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	3	DATA MISSING	3	3	3	3	4	5	7	7	6	5	4	3	3	3	2	3
16	3	2	2	2	2	2	2	2	2	1	1	DATA MISSING	DATA MISSING	5	5	5	5	7	4	3	2	2	2	2	3
17	2	2	2	2	2	2	2	2	DATA MISSING	3	4	5	3	3	3	3	3	3	3	2	2	2	2	2	3
18	2	4	4	3	2	2	3	4	DATA MISSING	2	2	2	2	3	3	3	3	2	2	2	1	1	3	5	3
19	4	3	4	5	6	5	5	6	DATA MISSING	3	3	3	4	4	4	5	7	7	4	3	3	3	3	3	4
20	2	2	1	1	1	1	1	2	DATA MISSING	2	3	3	3	4	4	4	4	4	3	3	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	3
21																									
22																									
23	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24	1	1	1	1	1	2	2	2	DATA MISSING	3	2	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25	0	1	1	0	0	0	0	2	3	DATA MISSING	4	5	5	5	5	5	5	8	6	4	3	2	2	2	3
26	3	2	1	1	1	1	1	1	DATA MISSING	1	2	2	3	2	1	1	1	1	1	1	1	1	0	0	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1
28	0	0	1	0	0	0	0	1	DATA MISSING	DATA MISSING	2	3	3	2	2	3	3	3	3	2	2	2	2	3	2
29	4	4	3	3	3	3	4	6	DATA MISSING	3	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	1	2	2	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	2	2	2	2	2	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	3	2	2	3	3	3	4	4	4	4	4	3	3	3	2	2	2	3

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	3	****	3	3	3	3	4	4	4	3	3	3	3	2	3	3	2	3
2	3	2	2	2	2	2	2	2	****	2	3	3	3	3	3	3	2	2	1	2	2	1	1	1	2
3	1	1	1	1	1	1	1	1	****	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
4	1	1	1	2	1	3	2	1	****	****	2	2	2	2	2	2	2	1	1	1	1	1	1	3	2
5	3	2	1	1	1	1	1	1	****	2	2	3	4	4	5	5	5	5	4	3	3	2	2	2	3
6	2	2	1	1	2	2	2	2	****	****	2	3	4	5	5	****	****	****	****	****	****	****	****	****	****
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	2	2	2	1	1	1	****
16	1	1	2	2	2	1	2	3	****	2	2	2	2	2	2	2	2	2	2	4	6	9	5	4	3
17	4	3	2	3	3	3	3	2	****	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
18	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	****	1	1	0	1	0	1
19	0	0	0	0	0	0	3	2	****	****	2	2	3	3	3	4	3	3	2	1	2	2	1	1	2
20	1	1	1	1	0	0	1	2	2	3	4	4	3	3	3	3	3	3	3	3	3	2	2	3	2
21	2	2	2	2	2	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2
22	3	3	4	4	4	4	4	7	****	****	6	4	4	4	4	4	4	3	5	7	7	9	12	5	5
23	13	14	7	6	5	6	4	4	5	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	4
24	2	2	2	2	2	3	3	3	2	2	3	3	3	3	4	4	3	3	3	3	2	2	1	2	3
25	3	3	2	3	3	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	2	3	2	2	2	2	2	****
27	2	2	2	2	2	2	2	2	3	****	2	3	3	3	4	3	3	3	3	2	2	2	1	1	2
28	1	1	1	1	2	2	1	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	1	1	2
29	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	3	2	3	2	2	2	1	1	2
30	1	1	1	1	1	1	1	1	1	1	2	2	2	4	4	4	3	1	2	2	2	2	1	1	2
31	1	1	1	1	1	1	1	1	1	2	3	3	2	3	2	2	2	2	2	2	2	2	2	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	2	2	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2	2	2	1	1	1	1	1	****	2	2
3	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	4	4	4	3	3	3	2	2	2	****
4	2	2	2	2	2	2	2	3	4	4	3	3	3	3	****	****	****	5	6	3	2	2	3	2	3
5	2	3	3	3	2	2	3	3	3	****	2	2	2	2	2	1	2	3	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3	2	2	1	1	1	1	2	2
7	1	1	2	2	2	2	2	2	2	2	2	1	2	2	3	2	1	1	1	1	1	2	3	3	2
8	3	3	3	3	2	2	2	3	2	2	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	3	4	4	5	5	5	4	3	4	2	2	2	3	2	****
10	3	3	4	4	4	4	4	3	1	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	2
11	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
12	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2
14	2	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	1	2	2	2	3	2	2	3	3	2	2	3	3	2	2	2	2	3	3
16	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	3	3	2	2	2	2	2
17	2	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	2	2	1	2	2	1	2
18	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	1	1	1	1	1	1	1	1	****
19	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
20	1	0	1	1	1	1	1	2	2	2	3	3	2	3	3	3	2	2	2	1	2	2	2	2	2
21	2	2	2	2	2	2	2	1	2	2	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2
22	2	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	2
23	1	1	1	1	1	1	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
24	1	1	1	2	1	1	1	1	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	0	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	1	1	1	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	2	2	2	2	2	2	2	1	2	***
5	2	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2
6	1	1	1	1	1	1	1	2	1	1	1	2	3	3	2	1	1	1	1	1	1	0	1	1	1
7	1	1	1	1	1	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	2	2	2	2	2	1	1	1	***
12	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	2	1
13	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	***	***	4	3	1	1	1	1	2
18	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	0	0	0	2	2	2	3	4	3	3	3	2	3	3	3	3	2	2
23	2	1	1	1	1	1	1	1	1	***	2	2	***	***	3	3	3	3	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	1	1	2	3	3	3	3	2	2	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
27	1	1	1	1	1	1	1	1	1	***	1	2	3	3	3	3	2	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	***	2	2	2	2	2	1	1	1	1	2	2	3	3	4	1
29	4	3	2	2	1	1	1	1	1	***	***	***	1	***	***	***	***	***	***	***	***	***	***	***	***
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB	18	2	3	8
MAR	5	4	5	7
APR	16	3	6	8
MAY	31	4	7	14
JUN	30	5	8	14
JUL	30	3	7	16
AUG	30	4	8	15
SEP	28	3	6	9
OCT	23	2	5	14
NOV	25	2	3	6
DEC	24	1	2	4
YEAR	260	3	8	16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	DATA MISSING						
FEB	135	237	8	1	0	0	381
MAR	1	36	63	5	0	0	105
APR	86	99	127	14	0	0	326
MAY	15	261	299	93	11	0	679
JUN	21	252	286	97	18	0	674
JUL	217	214	126	42	9	3	611
AUG	104	193	192	133	22	2	646
SEP	147	288	138	24	0	0	597
OCT	149	280	46	7	3	0	485
NOV	162	356	20	0	0	0	538
DEC	299	195	4	0	0	0	498
YEAR	1336	2411	1309	416	63	5	5540

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
69	0	0.4	1.2	2.0	3.2	5.7	7.0	8.9	10.6	16	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	1	1	1	1	1	****
7	1	2	1	1	1	1	1	1	2	2	****	****	****	****	3	4	3	3	4	3	2	2	1	1	2
8	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	****	****	****	****	****	****	****	****	1
9													- DATA MISSING -												
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	****
11	2	2	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	2	2	2	2	2	2	3
18	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2	2	2	2	2	2	2	2	1	****	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	****	2	2	3	2	4	3	2	2	1	1	1	1	1	1	2
23	1	2	1	1	1	1	1	1	1	****	2	2	2	2	2	2	2	3	2	2	3	2	2	1	2
24	1	1	1	1	1	1	1	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25													- DATA MISSING -												
26													- DATA MISSING -												
27	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	2	2	2	1	1	1	1	****
28	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
29	1	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	4	3	3	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	1	****	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
31	1	1	1	2	2	1	2	2	****	2	2	2	3	3	2	2	2	2	2	2	2	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	2	2	3	3	3	3	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0
5	1	1	1	1	1	1	1	0	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	1
6	2	2	2	1	2	2	2	3	0	2	2	2	2	2	2	2	1	1	2	2	2	2	3	2	2
7	1	1	1	1	2	2	2	2	0	2	2	1	2	2	2	2	1	1	2	2	2	2	2	2	2
8	2	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
9	3	4	4	4	4	3	4	4	3	****	****	0	2	2	2	2	2	2	2	2	2	2	2	2	3
10	2	2	2	2	2	2	3	3	0	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
11	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	3	3	3	3	3	3	3	3	0	1	2	2	1	2	2	2	2	2	2	2	3	3	2	3	2
13	3	3	3	3	2	2	2	2	0	0	1	1	****	****	5	2	2	1	0	0	1	1	0	0	2
14	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	1	2	2	1	1	1
15	1	1	1	1	1	1	1	1	0	2	2	2	2	2	3	3	2	2	2	2	2	1	1	1	2
16	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	1	2	2	2	2	3	0	3	3	****	2	2	3	3	3	4	3	2	2	1	1	1	2
18	1	1	1	1	1	1	2	2	****	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
19	3	3	3	2	2	2	2	2	****	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	****	2	3	3	2	2	3	3	3	3	3	3	2	2	2	2	2
21	2	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	2	2	3	4	4	4	3
22	3	2	2	2	2	2	2	2	2	2	3	3	4	3	4	4	4	4	4	4	4	4	4	3	3
23	4	3	3	3	3	3	3	3	****	3	3	3	4	3	3	3	3	3	3	3	4	4	4	3	3
24	3	3	2	2	3	3	4	4	****	****	****	1	1	2	2	2	2	2	3	2	1	2	2	2	2
25	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	2
26	0	0	0	1	1	1	0	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	1
27	1	2	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
2	2	2	3	3	3	3	2	2	0	1	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3
3	4	4	4	4	4	4	4	3	0	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4																									
5																									
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27																									
28																									
29																									
30																									
31																									
MEAN	2	3	3	3	3	3	3	2	1	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3
PERCENTAGE OF DATA VALID -	7																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	4	4	5	5	5	5	4	4	4	4	4	4	4	****
2	4	4	4	3	3	4	3	3	****	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3	4	3	4	3	3	3	3	3	****	4	4	4	4	5	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	2	2	1	1	1	1	****
5	1	1	1	2	1	1	1	1	****	3	3	2	2	2	2	2	3	3	2	3	3	3	2	2	2
6	2	2	1	1	1	1	1	1	****	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2
7	3	3	3	3	3	3	3	3	****	3	3	3	4	4	4	3	4	3	3	2	2	2	2	2	3
8	2	3	4	4	4	4	3	3	****	4	4	4	4	4	3	3	3	3	3	3	3	3	4	3	3
9	3	3	3	3	2	2	2	2	****	3	3	3	3	****	****	4	3	3	3	3	3	3	3	2	3
10	3	3	3	3	3	3	3	****	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4
11	4	3	3	3	3	3	3	3	****	3	4	4	4	5	5	5	3	2	2	1	1	1	1	1	3
12	1	1	1	1	1	1	1	1	****	2	2	2	2	3	3	3	2	2	2	2	3	2	2	2	2
13	1	1	1	1	1	1	2	2	****	3	****	3	4	4	4	4	4	4	3	3	2	3	3	1	3
14	1	1	1	2	2	2	1	2	****	2	3	3	3	4	4	4	3	3	3	3	4	4	4	3	3
15	4	4	4	4	4	3	3	2	****	2	3	3	2	3	3	4	3	3	3	2	2	2	2	2	3
16	2	4	3	2	2	2	1	2	****	3	2	1	1	1	1	1	2	2	2	2	1	1	2	2	2
17	3	3	3	3	3	3	4	4	****	3	3	3	3	4	4	4	3	3	2	2	2	2	1	1	3
18	1	2	2	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	1	1	1	1	1	2	2	2	****	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2
20	2	2	2	2	2	2	2	2	****	3	****	2	2	1	2	2	2	2	2	2	2	2	2	2	2
21	1	2	2	20	20	20	2	****	2	2	2	2	2	2	2	2	2	2	2	2	****	1	1	4	4
22	1	1	1	1	1	1	1	1	****	2	2	2	4	4	4	3	3	3	3	3	3	3	3	3	2
23	3	2	1	1	1	1	1	2	****	3	2	3	3	3	4	4	4	4	3	3	2	3	2	3	3
24	2	2	2	3	3	3	2	2	****	3	3	3	3	4	3	2	2	2	1	2	2	2	2	2	2
25	1	1	1	1	1	1	1	1	****	1	2	2	2	3	3	3	3	2	1	1	1	1	1	1	2
26	1	1	1	1	0	0	0	0	****	0	1	1	1	1	1	1	2	1	1	1	1	3	2	1	1
27	1	1	1	1	1	1	1	1	****	1	1	1	2	2	2	2	4	4	4	5	3	4	3	4	2
28	3	3	5	4	3	3	3	3	****	3	4	5	4	3	4	3	4	3	2	2	2	2	1	1	3
29	4	1	1	1	1	1	1	1	****	2	2	2	2	3	3	3	2	3	4	3	4	5	5	5	3
30	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	****
MEAN	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	3
PERCENTAGE OF DATA VALID -	88																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

HOUR DAY	STATION - VICTORIA ST SARNIA OAMST												MONTH MAY 70												MEAN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	2
2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	1	1	2	1	1	2	2	1	2	2	1	2	2	2	2	3	3	4	2	2	3	2	2	2	2
8	2	2	2	2	2	1	1	2	2	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2	2
9	2	2	1	2	2	2	3	3	3	3	2	3	4	4	3	3	4	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	4	4	5	5	5	5	4
11	5	6	5	4	4	4	5	4	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	0	2	2	3	3	2	3	3	4	3	3	2	3	2	2	2	2
13	2	2	2	2	1	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	1
15	3	4	4	4	3	3	2	2	2	2	2	2	6	4	2	2	2	2	2	2	2	2	2	2	3
16	3	3	2	2	2	2	2	2	2	2	1	1	2	2	1	2	2	1	2	2	3	2	2	2	3
17	3	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3
18	2	2	3	2	2	2	3	3	3	3	3	3	2	4	3	3	3	2	1	1	1	2	2	2	3
19	2	2	1	1	1	2	1	1	2	3	3	3	3	4	5	5	5	5	4	4	3	3	3	3	3
20	3	3	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2
21	3	2	1	2	2	2	2	2	1	1	2	2	5	5	5	6	4	5	4	4	3	4	3	2	3
22	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3
23	3	3	2	3	2	3	3	2	2	2	2	2	3	3	3	3	2	2	3	2	3	2	2	2	3
24	2	3	3	3	4	3	4	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	3
25	2	2	2	2	2	2	2	2	2	2	4	2	3	2	3	2	2	2	2	3	3	3	2	2	2
26	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	3	3	2	3	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2	3	3	3	2	2	2	2	2
28	2	2	1	1	1	2	2	2	2	2	2	1	2	2	2	3	4	4	5	4	3	4	5	5	2
29	3	3	3	3	3	3	3	3	2	3	4	5	5	6	6	7	7	8	7	7	7	5	5	6	5
30	6	5	5	4	3	3	3	3	2	2	2	3	3	3	3	3	4	4	4	4	5	5	5	5	4
31	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	2	3	3	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

	STATION - VICTORIA ST SARNIA OAMST												MONTH JUN 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	1	2	2	1	1	1	2	2	2	3	3	2	1	2	1	***
2	2	2	1	1	2	2	1	1	1	1	2	1	1	1	1	1	2	2	1	1	2	2	2	2	1
3	2	2	2	2	2	2	2	2	1	1	2	2	2	3	4	3	3	3	3	2	2	3	3	2	2
4	3	4	4	3	4	3	3	3	3	4	4	5	5	5	5	5	6	6	5	4	5	5	6	4	4
5	5	5	5	5	6	7	6	7	7	7	4	1	***	4	4	4	4	3	3	2	2	2	2	3	4
6	2	2	3	3	3	1	2	***	1	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2
7	1	1	2	2	2	3	1	***	2	2	2	3	4	6	5	5	6	4	3	2	2	3	2	3	3
8	4	2	3	4	4	4	4	***	2	3	5	4	5	6	4	4	4	3	4	2	1	1	3	3	3
9	3	4	2	1	1	2	4	***	2	4	4	3	3	1	2	2	3	3	3	4	3	3	2	2	3
10	2	3	2	2	2	2	2	***	2	2	2	2	2	5	5	4	5	5	7	6	6	5	5	5	4
11	6	4	4	4	5	4	4	***	5	5	5	5	5	5	5	7	8	9	8	7	6	7	6	6	6
12	4	5	7	7	7	7	7	***	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3	4
13	3	3	3	4	3	3	3	***	3	3	3	4	5	4	5	4	4	4	4	5	4	4	4	3	4
14	3	3	4	4	4	4	4	***	4	4	5	5	6	6	7	8	8	8	7	6	7	7	7	7	6
15	6	5	6	6	5	6	5	***	3	3	3	2	3	6	6	7	6	7	7	6	5	5	5	5	5
16	5	5	5	5	4	3	3	***	3	4	***	***	***	2	2	1	2	3	2	2	3	4	3	1	3
17	1	1	1	1	1	1	1	***	2	1	2	3	3	3	4	4	5	4	4	3	2	3	3	3	2
18	2	3	3	3	3	4	4	***	2	3	3	3	3	3	3	3	3	3	4	4	3	3	2	3	3
19	3	4	4	3	3	3	3	***	2	2	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3
20	3	2	3	3	3	3	4	***	3	4	4	4	4	5	5	5	5	5	5	5	4	3	3	3	4
21	3	4	4	4	4	4	4	***	4	5	4	5	4	5	5	6	6	6	6	6	4	4	4	4	5
22	5	5	5	5	4	4	4	***	4	4	4	5	4	5	4	3	3	3	4	6	5	4	5	3	4
23	3	3	3	3	3	3	3	***	4	4	3	4	4	4	7	6	6	6	5	5	5	4	4	4	4
24	4	4	3	3	3	3	3	***	3	2	4	5	4	4	3	3	3	3	4	5	5	4	4	4	4
25	4	4	4	4	4	4	4	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
26	2	2	2	2	3	3	3	***	2	2	2	2	2	2	2	3	3	3	2	2	3	3	2	3	3
27	3	3	3	3	3	2	2	***	2	2	2	3	3	3	3	3	3	4	4	4	3	2	3	2	3
28	2	2	2	2	2	2	3	***	3	3	3	3	4	5	5	4	4	4	3	3	3	3	2	2	3
29	2	2	2	2	2	2	2	***	2	1	3	4	4	5	4	4	4	4	4	5	5	5	5	4	3
30	5	7	8	6	4	4	***	4	4	4	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4
MEAN	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	4	4	4	4	4	3	4	3	3	3

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	2	3	3	****	3	3	3	4	5	5	6	6	5	6	8	8	8	8	7	7	5
2	6	6	6	6	5	4	4	****	3	3	3	3	3	3	3	4	6	5	6	6	5	4	4	4	4
3	4	4	4	4	4	5	5	****	2	2	2	4	4	4	3	4	4	5	5	5	6	6	5	4	4
4	6	4	3	4	3	2	2	****	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3
5	2	2	2	2	2	2	2	****	3	4	4	5	5	6	6	7	8	8	8	7	6	5	6	5	4
6	7	7	6	5	5	5	5	****	4	4	****	4	3	3	3	3	3	4	2	2	1	2	4	2	4
7	2	2	2	2	2	1	2	****	3	3	3	3	3	3	3	4	5	4	4	4	3	3	2	2	3
8	2	2	1	2	2	2	2	****	1	1	1	1	2	2	2	****	****	****	****	****	****	****	****	****	****
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22	****	****	****	****	****	****	1	3	6	6	5	4	4	4	3	3	4	2	1	0	0	0	1	2	3
23	1	****	****	****	****	****	****	4	5	7	8	9	9	10	10	9	7	7	8	9	8	5	4	3	7
24	1	****	****	****	****	****	****	****	1	2	3	2	2	2	2	3	3	5	5	6	4	4	4	3	4
25	4	5	5	4	3	4	4	3	3	4	6	5	5	6	7	7	7	6	5	11	9	6	5	4	3
26	2	2	3	3	2	2	2	2	2	2	2	7	7	7	7	5	5	5	5	11	6	5	4	3	2
27	2	2	2	2	2	2	2	2	2	2	2	4	4	5	6	4	5	7	7	9	8	6	6	6	4
28	3	3	6	2	2	2	3	2	2	2	2	4	2	3	5	8	3	4	4	4	3	3	3	3	4
29	5	5	5	5	4	4	4	****	2	4	5	4	2	3	5	8	3	4	4	4	3	3	3	3	4
30	3	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
31	2	2	2	2	2	2	3	3	3	2	3	3	3	5	7	6	7	4	6	4	4	3	4	3	4
MEAN	3	4	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	6	5	4	4	4	4	4

PERCENTAGE OF DATA VALID - 52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	3	3	3	****	3	4	4	4	5	5	5	5	4	4	4	5	4	4	5	4
2	4	3	3	3	3	3	3	3	****	3	4	4	3	4	5	4	4	4	4	4	4	4	3	3	4
3	3	3	4	4	4	5	5	5	5	****	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4	5	5	5	5	5	5	4
5	4	3	3	3	4	5	5	5	****	5	6	6	7	6	6	6	5	6	5	7	7	7	5	5	5
6	4	4	3	5	4	4	5	5	****	5	5	5	4	4	4	4	5	5	6	5	5	5	5	5	5
7	4	4	4	4	4	4	4	****	11	11	12	7	5	6	7	6	6	6	7	6	4	4	4	4	6
8	4	4	4	4	4	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9																									
10																									
11	****	****	****	****	****	****	****	****	5	5	5	5	6	7	7	7	8	8	8	8	7	6	4	5	6
12	5	4	5	5	4	4	4	****	4	5	6	6	6	6	6	6	5	6	6	6	5	3	2	2	5
13	2	2	2	3	2	2	3	****	2	3	5	5	5	5	5	5	4	3	4	2	3	3	2	2	3
14	2	3	3	3	3	3	3	****	4	3	3	1	2	4	3	4	3	2	2	2	2	3	4	3	3
15	3	3	3	3	3	3	3	****	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1
16	1	1	1	1	1	1	2	****	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	****	****	****	****	2	3	5	4	5	4	4	****	2	3	3	2	2	2	1	1	2
18	1	1	1	1	1	1	1	****	1	1	2	2	3	3	4	4	5	5	5	4	3	3	3	3	3
19	3	4	3	1	1	2	2	****	2	2	1	1	1	2	3	3	3	3	3	4	2	2	2	2	2
20	2	2	2	2	1	1	1	****	1	2	3	4	4	4	3	3	3	3	3	2	2	2	3	2	2
21		3	2	2	2	2	2	****	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
22	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23																									
24	****	****	****	****	****	****	****	****	****	1	3	4	3	3	3	2	2	2	2	2	1	2	1	2	****
25	1	2	1	1	1	2	3	1	1	****	3	4	5	5	6	5	5	5	5	4	4	3	3	3	3
26	3	3	2	2	2	2	2	****	2	****	2	1	1	1	1	3	3	3	3	5	4	4	4	4	3
27	3	3	2	2	2	2	2	****	1	1	1	2	2	2	1	2	3	4	5	5	4	4	3	3	3
28	3	2	2	2	2	2	2	****	1	2	3	3	5	3	3	3	3	2	2	2	2	3	3	3	3
29	3	3	2	2	2	2	2	****	5	3	3	2	2	5	5	3	3	2	2	2	2	2	2	2	3
30	2	2	2	2	2	2	3	****	5	4	4	4	4	4	5	4	4	5	4	3	3	3	3	3	3
31	2	2	2	2	2	2	2	****	2	2	****	****	4	3	3	3	3	3	3	2	2	2	2	2	2
MEAN	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	0	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
5	2	2	2	2	2	2	2	****	2	2	2	3	3	2	2	2	3	3	3	3	2	2	2	2	2
6	2	2	3	3	3	3	3	****	4	4	4	4	4	4	4	4	4	4	4	1	2	1	1	1	3
7	1	1	1	1	1	1	1	****	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	2
8	1	1	1	1	1	1	1	****	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	3	3	2	3	2	2	2	****	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	****	2	2	2	2	2	2	3	3	2	3	2	2	2	2	2	2	2
12	2	2	2	3	2	2	2	****	3	3	3	4	4	3	3	3	3	3	3	3	3	2	2	2	3
13	2	2	2	2	2	2	2	****	2	2	2	1	1	2	2	2	1	2	1	2	1	1	2	2	2
14	2	2	2	2	2	2	2	****	1	1	2	2	1	2	2	2	2	2	2	2	3	3	3	3	2
15	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17	3	3	3	3	3	3	2	****	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3
18	3	3	3	3	3	3	3	****	3	3	3	2	2	2	2	2	4	4	4	4	4	3	3	3	3
19	3	3	3	3	3	3	3	****	3	3	3	2	2	2	2	2	5	5	5	5	4	3	2	3	3
20	3	2	2	2	2	2	2	****	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	2	3
21	2	2	2	2	2	2	2	1	2	3	3	5	4	4	3	4	3	3	3	2	3	3	3	3	3
22	2	2	2	2	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	2	2	3	2	2	3
23	3	3	2	2	3	2	3	****	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
24	3	3	3	3	3	3	3	****	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	3	4	5	3	3	3	3	3	2	2
26	2	2	2	2	2	3	3	****	2	2	2	3	2	2	2	2	2	3	2	3	3	3	3	3	2
27	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	2	2	2	****	2	1	1	1	1	1	1	****	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	1	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	****	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	****	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	****	2	2	2	2	1	2	2	2	3	2	2	2	3	2	2	2	2
3	2	2	2	2	2	2	2	****	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	****	2	2	2	3	4	4	4	4	3	3	3	2	2	2	2	2	2
5	2	2	2	3	2	2	2	****	2	2	3	3	3	4	4	4	5	5	4	4	4	3	4	4	3
6	4	4	3	3	3	3	3	****	2	3	3	4	4	4	4	5	5	4	4	4	4	4	3	4	4
7	3	3	3	2	2	2	2	****	****	2	4	3	3	3	3	4	4	4	4	3	4	4	4	4	3
8	3	3	3	2	2	1	1	3	5	3	3	3	2	2	6	5	5	6	4	3	2	2	2	2	3
9	2	1	1	1	1	1	1	****	3	4	4	4	4	4	4	4	5	5	5	5	4	4	3	3	2
10	2	2	2	2	2	2	2	****	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
11	3	3	3	3	2	2	3	****	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	3	3	3	4	4	4	4	****	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	4	4	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	2	2	1
16	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
17	3	2	2	2	2	2	2	****	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2
18	2	2	2	2	2	2	2	****	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2
19	2	2	2	2	2	2	1	2	1	0	0	0	0	0	2	2	3	3	2	2	2	2	2	3	2
20	2	2	1	1	2	2	2	****	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	2	1	1	1	1	1	1	****
22	1	1	1	1	1	1	1	****	1	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	0	1	3	2	3	3	3	3	3	3	2	3	2	3	3	****
24	3	3	2	2	2	3	2	2	1	3	2	4	3	3	3	3	3	3	4	2	2	2	2	3	3
25	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2
26	2	2	3	2	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	3	3	3	3	3	3	3	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1
30	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	2	1	1	1	1	2	1
2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
6	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2
9	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	2	2	2	2	2	2	2	2
10	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
14	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2	2	2	2	2	2	2	2	1	1	1	1	2	1	2	1	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1
24	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	1
25	1	1	2	2	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
27	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	2
28	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	2	2	2	1	2	1
MEAN	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
2	2	1	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	1
3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2
5	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
6	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	2	2	2	2	2	2	2	2	1
9	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
19	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2
22	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1
24	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	1	1
25	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1
26	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
28	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	2
29	2	2	2	2	2	2	2	1	1	0	0	1	1	1	1	1	1	1	2	1	1	2	2	2	1
30	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1
31	1	1	1	1	1	1	1	1	0	0	0	1	2	2	2	1	1	1	2	2	2	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - VICTORIA ST SARNIA OAMST NO 14049

POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	2	3	8
FEB	28	2	3	5
MAR	3	3	3	4
APR	30	3	4	20
MAY	31	3	5	8
JUN	30	3	6	9
JUL	18	4	7	11
AUG	28	3	6	12
SEP	29	2	3	5
OCT	31	2	4	6
NOV	29	1	2	3
DEC	31	1	2	3
YEAR	311	2	7	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - TOTAL OXIDANTS UNIT - PARTS PER HUNDREDMILLION
STATION - VICTORIA ST SARNIA OAMST NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 LOVER	TOTAL
JAN	273	198	10	1	0	0	482
FEB	174	453	33	0	0	0	660
MAR	4	45	9	0	0	0	58
APR	139	364	130	0	0	3	636
MAY	112	490	106	7	0	0	715
JUN	50	327	269	30	0	0	676
JUL	18	174	153	44	2	0	391
AUG	77	263	230	16	3	0	589
SEP	95	440	39	0	0	0	574
OCT	184	393	99	0	0	0	676
NOV	483	189	0	0	0	0	672
DEC	492	222	0	0	0	0	714
YEAR	2101	3558	1078	98	5	3	6843

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	0	0.3	1.0	1.6	2.3	3.7	4.6	5.7	6.6	20	2

UNITS - PARTS PER HUNDREDMILLION

MONTH NOV 70

13 14 15

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2	****	****	****	****	****	****	****	****	****	****	****	****	- DATA MISSING -	1	-	1	1	2	1	1	2	2	2	2	****
3	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	1	1	1	1	1	1	****
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	****
5	1	1	1	1	0	0	0	1	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	****
6	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****
8	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	****
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	****
10	1	1	1	1	1	0	0	1	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	****
11	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	****
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	****
13	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	****
14	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
15	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-	- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 36

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	****		****		****	****	****	****	****	****	****	****	****	****	****	2		2	1	0	0	0	0	0	****
6	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	5	4	3	2	2
8	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
9	2	2	2	2	2	1	1	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	2	2	2
10	1	1	1	1	1	1	1	2	2	2	2	2	3	1	1	1	2	2	2	2	2	2	2	1	1
11	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	1	2	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2
14	1	1	1	1	1	1	1	2	3	4	3	4	3	2	3	2	2	2	2	3	2	2	2	2	2
15	1	2	1	1	1	1	2	3	4	4	4	3	***	2	2	2	2	2	2	2	2	2	2	2	2
16	2	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	***	1	3	1	1	1	2	2	3	2	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1
18	***	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	4	3	3	2	2	2	2	2	2
19	***	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	1	2
20	***	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1
21	****	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2
22	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1
23	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	1	2
24	****	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	****	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	2
26	****	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	6	3	3	2	2	1	2	2
27	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	2	1	1	1	1
28	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	1	1
29	****	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	3	3	3	2	1	2
30	****	1	1	1	1	0	1	1	3	3	3	2	***	***	3	3	2	2	3	5	6	6	6	6	3
31	****	****	4	3	2	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - KING/RECTORY LONDON FAIR NO 15001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT		DATA MISSING		
NOV	13	1	1	2
DEC	27	2	3	6
YEAR	40	1	3	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - TOTAL OXIDANTS UNIT - PARTS PER HUNDREDMILLION
STATION - KING/RECTORY LONDON FAIR NO 15001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	DATA MISSING						
MAY	DATA MISSING						
JUN	DATA MISSING						
JUL	DATA MISSING						
AUG	DATA MISSING						
SEP	DATA MISSING						
OCT	DATA MISSING						
NOV	239	27	0	0	0	0	266
DEC	285	307	14	0	0	0	606
YEAR	524	334	14	0	0	0	872

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
59	0	0.2	0.5	0.8	1.3	1.9	2.4	2.9	3.8	6	1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	1	1	1	0	****
29	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

PERCENTAGE OF DATA VALID - 7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	1	0	****	****	****	****	2	2	1	1	1	1	1	0	1	1	1	1
2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	
4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	
5	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	4	3	3	3	3	3	2	2	3	
6	3	3	3	3	3	3	3	4	3	****	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	
7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	2	1	1	1	1	1	0	0	0	
8	0	0	1	0	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
9												- DATA MISSING -														
10												- DATA MISSING -														
11												- DATA MISSING -														
12												- DATA MISSING -														
13												- DATA MISSING -														
14	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	6	7	6	6	6	6	6	6	6	****	
15	6	6	6	6	6	7	7	7	7	6	7	7	7	7	7	7	7	7	8	8	8	8	7	****	7	
16												- DATA MISSING -														
17												- DATA MISSING -														
18												- DATA MISSING -														
19												- DATA MISSING -														
20												- DATA MISSING -														
21	****	****	****	****	****	****	****	****	****	****	****	****	1	3	3	3	3	3	3	3	4	3	4	4	****	
22	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
23	5	6	6	7	7	6	6	6	5	5	4	4	4	4	4	4	4	4	4	4	5	4	4	4	5	
24	4	4	5	5	5	5	5	5	5	4	4	4	4	3	3	4	4	3	4	4	4	4	4	5	4	
25	5	5	6	6	5	5	5	5	5	4	4	4	4	3	3	4	5	5	5	5	4	4	4	4	5	
26	5	5	5	5	5	5	5	5	4	4	****	****	****	****	****	1	0	1	0	1	1	1	1	2	3	
27	2	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	
28	3	3	3	3	3	3	2	2	2	3	2	1	1	2	2	1	1	1	1	1	1	2	2	2	2	
29	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	
30	2	3	4	4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	1	2	2	2	2	2	3	
31	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 61

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	1	0	0	1	2	1	2	3	2
2	3	3	3	3	4	4	4	4	3	3	2	2	3	3	3	3	3	2	2	2	3	3	3	4	3
3	4	4	5	5	5	5	5	5	5	4	4	4	4	3	3	3	3	2	2	3	3	3	3	4	3
4	4	4	5	5	5	5	5	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	0	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	1	1	2	2	2	2	3	3

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	6	6	4	2	3	2	2	2	****
15	2	1	2	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	1	****	****	4	4	5	5	5	5	5	5	4	3	2
18	2	1	2	2	2	1	1	2	1	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
19												-	DATA MISSING	-											
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25												-	DATA MISSING	-											
26												-	DATA MISSING	-											
27												-	DATA MISSING	-											
28												-	DATA MISSING	-											
29												-	DATA MISSING	-											
30												-	DATA MISSING	-											
31												-	DATA MISSING	-											
MEAN	1	1	1	1	1	1	0	1	0	1	1	1	1	2	3	3	3	3	3	2	2	2	2	1	1

PERCENTAGE OF DATA VALID - 12

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	1	1	1	1	1	1	1	1	****
6	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
7	0	0	0	0	0	0	0	0	0	1	1	1	1	****	****	3	3	2	2	1	****	1	0	0	1
8	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	0	0	****	0	****	****	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	****	
14	1	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	3	2	2	2	2	2	2	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
16	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	3	2	2	2	1	1	1	1	****
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
30	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	1	1	1	1	1	****
2	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1
3	2	2	2	2	2	2	2	2	2	2	****	****	****	3	3	3	3	2	3	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	2	2	2
9	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	0	0	1	1	1	1	1	1	1	****
19	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	1	1
20	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1
21	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	1	1	****	****	****	****	****	****	****	****	****	****	****
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 41

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	****
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1
3	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	1	1
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	****
7	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	1
8	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9																									
10																									
11																									
12																									
13																									
14																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10																									
11																									
12																									
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1

PERCENTAGE OF DATA VALID - 31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	3	0	0	2
MAY	21	3	7	8
JUN	5	3	4	5
JUL	5	1	2	6
AUG	19	1	1	4
SEP	15	1	2	3
OCT	8	1	2	2
NOV	12	1	2	2
YEAR	88	2	7	8

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	DATA MISSING						
FEB	DATA MISSING						
MAR	DATA MISSING						
APR	55	1	0	0	0	0	56
MAY	126	184	124	20	0	0	454
JUN	24	50	28	0	0	0	102
JUL	61	16	15	0	0	0	92
AUG	352	27	3	0	0	0	382
SEP	127	174	0	0	0	0	301
OCT	93	60	0	0	0	0	153
NOV	137	93	0	0	0	0	230
YEAR	975	605	170	20	0	0	1770

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
30	0	0.2	0.5	0.9	1.6	3.1	4.1	5.4	6.1	8	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAHST

NO 29025

MONTH MAR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17	****	****	****	****	****	****	****	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	3	1	2	1
20	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	2	2
21	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
23	3	4	3	3	3	3	3	3	3	3	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1
30	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1
31	1	1	1	1	1	1	1	1	1	3	2	1	2	2	2	2	****	****	****	****	****	****	****	****	1
MEAN	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	

PERCENTAGE OF DATA VALID - 46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAHST

NO 29025

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	1	1	1	1	1	1	1	♦♦♦♦	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
7	1	2	2	2	2	2	2	♦♦♦♦	2	2	2	1	3	3	3	3	3	3	3	2	2	2	2	2	2
8	2	1	1	1	1	1	1	♦♦♦♦	3	3	3	4	4	5	4	4	4	5	4	4	4	4	4	4	3
9	4	4	4	3	3	3	3	♦♦♦♦	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2
10	2	2	2	1	1	2	2	2	2	2	1	1	2	2	2	2	1	2	1	1	1	1	1	1	2
11	2	2	2	1	1	1	1	1	1	1	2	2	3	3	4	4	3	3	3	2	2	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	2	1	1	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	3	3	3	3	20	10	10	10	1	2	1	1	2	2	3
14	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1
16	1	1	1	1	1	2	2	1	0	0	0	1	1	1	1	1	1	2	1	1	1	2	2	2	1
17	1	3	4	4	1	1	2	♦♦♦♦	2	2	2	2	4	3	4	2	2	1	1	0	1	1	1	1	2
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	5	3	2	2	2	2
21	2	3	2	2	2	2	2	♦♦♦♦	3	2	2	2	2	2	2	2	2	2	2	2	6	4	4	5	3
22	5	3	3	3	3	3	3	2	3	2	1	1	3	2	3	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	1	2	2	1	2	3	3	4	4	4	4	4	4	4	3	3	3	2	2	2	3
24	2	2	2	2	2	2	2	1	2	2	3	3	4	4	4	4	3	5	6	9	7	6	6	5	4
25	5	5	5	5	5	5	5	5	5	6	6	5	4	4	6	6	6	5	5	5	5	5	5	5	5
26	5	5	4	4	4	4	4	3	5	5	5	6	6	6	6	6	6	5	6	6	5	5	5	5	5
27	5	5	4	4	4	4	4	3	5	5	5	6	6	6	6	6	6	5	6	6	5	5	5	5	5
28	5	4	3	3	3	3	3	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	3
29	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	3	3
30	3	3	5	5	5	4	2	3	2	2	4	8	10	10	9	8	10	9	6	8	6	5	5	5	6
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	8	8	7	6	8	9	10	10	11	12	12	12	11	8	10	10	10	8	10	9	9
2	9	8	6	7	8	8	9	9	10	9	10	10	10	10	10	10	10	10	10	10	10	8	10	9	9
3																									
4																									
5																									
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	0	1	1	***
7	1	0	1	0	0	1	***	2	2	3	4	4	1	1	3	3	3	3	3	3	3	2	2	3	2
8	3	3	3	3	2	2	2	3	3	4	5	4	4	5	5	6	6	5	2	2	2	2	2	2	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	1	1	1	1	1	2	2	3	4	4	6	6	5	2	3	2	3	3	3	3	3	3	2	3	3
11	3	3	3	3	2	2	1	2	2	3	4	2	3	3	3	4	4	1	1	1	1	1	1	1	2
12	1	1	1	1	2	2	2	4	3	***	3	0	0	0	5	4	2	0	0	0	0	1	1	1	1
13	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	2	3	4	1	0	0	1	1	1	1	1	1	2	1	1	1	2	1	1	2	2	2	2
15	2	1	1	1	1	1	1	0	0	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	1
16	2	3	3	3	4	4	3	2	1	1	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	2	2	3	4	5	5	2	2	2	2	1	1	1	1	2	2	1	1	1	2
18	1	1	1	2	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	2
19	3	3	3	3	3	4	3	3	4	4	5	6	6	3	2	2	3	2	2	2	1	1	0	0	3
20	0	0	0	1	0	0	0	0	2	2	3	3	4	4	4	4	3	3	2	2	2	3	5	3	2
21	2	2	1	1	2	4	2	***	2	2	4	4	3	1	0	1	3	1	0	0	0	1	0	0	2
22	2	3	3	2	1	0	0	1	1	1	2	3	2	2	0	5	4	4	3	2	2	2	1	1	2
23	1	1	1	1	1	2	2	2	3	3	4	4	5	5	2	2	2	2	2	2	2	2	2	2	2
24	6	6	6	6	5	3	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
25	2	2	2	2	3	4	4	6	***	***	***	***	***	***	2	2	2	2	2	2	2	2	2	2	3
26	2	2	2	2	2	1	1	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	4	3	2
28	2	2	2	2	2	2	1	***	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	3	6	5	3	2	2	2	2	3	6	4	3	3	2	2	2	2	3	3	3	3
30	2	2	2	2	2	4	4	7	6	4	4	4	4	4	5	4	5	5	5	2	2	2	2	3	4
31	3	3	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	5	4	5	5	4	4	4	4
MEAN	2	2	2	2	2	3	2	3	3	3	4	3	3	3	3	3	3	3	3	2	3	2	2	2	3

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	3	***	***	***	3	4	4	5	5	6	6	7	7	8	4	4	4	4	4	5
2	3	3	3	2	2	2	***	***	3	3	3	4	4	3	3	3	3	3	3	3	3	3	2	2	3
3	1	1	1	1	1	1	1	1	1	1	1	1	***	***	***	3	3	3	3	2	1	1	2	3	2
4	4	3	1	1	1	1	1	***	2	4	4	3	4	4	5	5	6	5	4	3	4	3	5	5	3
5	5	5	5	6	6	6	7	3	3	***	***	***	***	***	1	1	2	2	1	1	1	2	1	0	3
6	0	0	0	0	0	0	0	0	1	1	1	1	2	3	3	4	4	4	5	1	1	1	1	0	1
7	1	1	0	0	0	0	0	1	2	2	2	2	2	3	3	4	4	5	5	5	5	5	5	5	3
8	6	5	5	4	3	1	***	3	3	3	6	5	4	6	6	6	6	5	5	5	5	5	5	5	5
9	8	6	6	6	8	6	***	6	8	10	12	10	9	8	8	8	10	12	13	13	14	8	7	9	9
10	8	9	9	9	9	6	***	6	6	8	9	***	10	10	8	8	8	8	8	6	6	5	6	10	8
11	9	10	11	10	10	8	***	7	6	6	9	9	10	11	12	11	10	12	13	13	7	3	4	5	9
12	4	4	3	3	3	2	1	2	***	2	3	3	5	5	5	5	6	7	4	5	4	3	2	3	3
13	3	2	2	2	2	3	3	6	6	7	8	9	4	4	4	4	4	4	4	4	4	3	3	3	4
14	3	3	3	3	3	3	3	4	4	4	5	5	5	4	6	6	6	5	6	4	5	5	3	3	4
15	4	5	5	5	5	2	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	3
16	2	1	1	2	2	2	2	1	1	2	3	4	4	5	5	5	8	8	8	6	8	8	8	9	4
17	8	4	3	3	2	2	2	3	3	3	4	4	5	5	5	6	6	6	6	6	6	5	5	5	4
18	5	5	5	4	4	1	1	1	2	3	4	5	6	6	6	6	6	6	6	5	5	5	5	5	4
19	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	6	7	8	8	6	5	5	5	5	6	6	5	5	5	4	3	3	5
21	3	5	4	4	3	3	2	3	3	3	4	3	4	3	4	3	4	3	3	3	3	3	3	3	3
22	3	3	3	3	2	3	***	***	4	5	5	4	4	4	4	5	5	5	5	8	10	10	8	5	5
23	7	6	6	7	5	3	2	4	3	6	6	7	7	9	9	10	11	10	14	14	14	12	9	12	8
24	11	12	8	6	8	6	4	2	8	9	10	11	11	11	10	10	10	10	8	8	6	3	3	3	8
25	3	3	3	3	3	2	2	3	3	3	4	5	7	8	10	10	13	8	9	10	5	4	3	3	5
26	2	3	3	3	3	2	2	3	2	2	3	4	4	4	2	3	3	1	1	3	3	4	4	4	3
27	4	4	3	4	5	2	2	3	2	2	3	4	5	5	5	4	4	4	3	3	3	3	3	3	3
28	2	2	2	3	2	2	2	2	2	3	3	4	5	6	6	6	6	6	6	3	3	3	3	2	3
29	5	4	4	4	4	3	3	3	***	***	4	9	9	9	***	9	9	9	9	9	9	9	8	8	7
30	8	7	6	5	4	3	2	2	3	4	4	3	3	3	5	4	5	5	4	3	4	4	4	4	4
MEAN	4	4	4	4	4	3	2	3	3	4	5	5	5	5	5	5	6	6	6	5	5	4	4	5	4

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	5	5	7	7	6	5	3	3	7	9	7	6	7	11	11	6	2	2	1	2	3	5
2	2	3	3	3	4	4	3	***	2	3	6	5	7	7	7	6	6	7	6	3	4	6	4	4	5
3	2	2	3	3	2	2	1	2	3	3	7	8	8	3	3	4	5	6	5	6	3	3	3	3	4
4	4	4	5	5	5	4	3	4	5	5	4	4	3	3	3	3	4	4	4	3	3	3	3	4	4
5	3	3	4	4	4	3	3	3	4	4	4	4	4	4	5	5	4	5	5	4	4	4	4	4	4
6	4	4	4	4	4	5	4	***	2	2	3	3	4	4	4	5	4	5	5	6	6	5	4	6	4
7	5	6	6	5	4	3	4	3	4	5	6	8	8	7	8	9	9	8	7	6	8	9	8	8	6
8	8	7	7	6	5	4	4	***	***	***	***	***	***	***	***	8	7	4	5	5	3	2	2	3	5
9	4	4	3	3	2	2	2	4	4	4	4	5	6	8	8	10	9	7	4	4	6	7	7	6	5
10	5	5	4	4	4	4	4	3	3	3	4	4	4	5	6	8	9	11	11	11	9	7	1	1	5
11	3	4	6	5	3	2	0	1	1	1	3	4	5	4	4	3	6	6	6	3	1	1	1	1	3
12	1	1	1	1	1	1	0	1	2	2	2	2	3	3	3	3	4	3	2	2	1	1	1	1	2
13	1	1	0	0	1	1	0	0	3	3	4	5	5	4	4	5	5	4	3	3	2	3	4	2	3
14	3	2	2	2	2	3	2	3	4	5	5	6	8	8	8	8	9	11	11	8	7	7	6	7	6
15	7	8	6	6	6	6	4	5	5	6	7	8	8	8	8	9	9	9	5	8	7	7	6	7	7
16	6	5	5	5	5	4	2	3	3	2	2	2	2	2	3	3	4	4	3	3	2	2	2	2	3
17	3	3	3	4	4	3	3	4	5	6	9	10	11	11	10	10	9	8	11	9	9	5	4	7	7
18	5	5	4	4	5	3	4	4	5	5	5	5	5	5	5	5	5	4	3	3	3	2	2	3	4
19	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	5	3
20	5	6	6	6	5	4	4	3	5	4	4	4	3	2	3	3	3	3	3	3	3	2	3	3	4
21	3	3	3	3	3	3	3	2	3	3	4	4	4	4	5	4	5	5	4	3	3	3	3	2	3
22	2	2	2	3	3	3	3	3	4	5	5	6	8	8	8	8	8	8	7	6	5	4	4	4	5
23	4	4	3	3	3	4	4	***	3	8	5	4	5	4	5	5	4	4	5	3	4	3	3	2	4
24	1	1	2	1	1	1	1	***	3	4	5	5	8	7	9	8	6	7	6	9	8	7	6	5	5
25	4	5	5	6	5	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	5	7	8	9	9	11	11	9	11	12	11	10	9	8	7	5	4	9
27	8	8	8	7	8	7	4	3	4	4	6	8	9	9	9	9	9	9	9	9	8	7	7	6	7
28	7	8	9	8	7	5	3	3	2	***	***	5	7	6	4	4	5	5	5	4	4	3	3	3	5
29	2	3	3	3	4	4	***	2	4	5	9	8	***	***	***	4	4	***	***	***	***	***	***	***	***
30	2	1	1	***	***	***	***	***	***	***	1	1	2	2	2	2	3	4	3	3	2	2	3	2	2
31	2	2	2	2	1	1	0	0	0	1	3	4	4	4	5	4	5	4	3	1	1	1	0	0	2
MEAN	4	4	4	4	4	3	3	3	3	4	5	5	6	5	6	6	6	6	6	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	2	3	5	4	1	1	2	2	3	3	3	2	2	2	2	2	2	1	0	0	1	1	2
2	0	0	1	1	1	1	***	***	***	***	***	***	***	***	***	***	3	3	3	1	3	3	3	3	***
3	3	3	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	***	***	***	***	***	***	***	2
4	***	***	***	***	***	***	***	***	***	0	1	1	1	1	3	5	5	4	5	4	3	3	3	2	***
5	3	3	3	2	3	4	***	3	3	4	4	5	6	***	8	9	9	9	8	7	4	4	4	3	5
6	3	3	3	3	3	3	4	4	6	7	8	11	11	11	12	12	11	9	8	4	3	2	1	1	6
7	1	2	2	2	3	4	***	***	1	3	5	3	2	3	9	6	6	4	2	1	1	2	2	3	3
8	1	1	1	0	0	1	2	2	3	5	10	16	15	11	8	7	8	7	7	7	6	6	5	5	6
9	5	4	3	2	2	2	2	2	4	7	8	8	9	11	11	10	10	9	8	5	7	4	7	6	6
10	5	5	4	2	3	2	2	2	3	5	5	8	10	***	9	10	10	11	9	8	9	8	9	8	6
11	8	8	8	9	9	9	5	5	12	11	10	10	11	10	9	8	9	11	8	5	5	4	4	4	8
12	4	4	4	4	4	4	4	4	4	5	6	***	3	3	3	3	3	3	2	2	2	2	2	2	3
13	2	2	2	2	2	2	3	2	3	6	5	8	7	8	8	5	5	5	5	4	5	4	5	5	4
14	5	6	6	5	5	3	3	4	4	5	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	4	5	6	5	5	5	DATA MISSING	7	7	7	7	7	6	5	4	3	4	4	5
16	4	3	3	3	3	2	2	2	2	3	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	4	5	6	5	5	5	DATA MISSING	7	7	7	7	7	6	5	4	3	4	4	5
18	***	***	***	***	***	***	4	5	6	5	5	5	DATA MISSING	7	7	7	7	7	6	5	4	3	4	4	5
19	***	***	***	***	***	***	4	5	6	5	5	5	DATA MISSING	7	7	7	7	7	6	5	4	3	4	4	5
20	***	***	***	***	***	***	4	5	6	5	5	5	DATA MISSING	7	7	7	7	7	6	5	4	3	4	4	5
21	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	3	3	3	2	2	2	2	2	***
22	3	4	3	3	3	4	2	2	3	3	3	4	3	4	4	4	3	2	2	3	4	5	5	3	3
23	7	8	4	2	2	2	1	2	3	4	5	5	5	6	7	6	6	6	5	5	3	4	4	3	4
24	3	2	2	2	2	4	2	4	4	5	5	6	6	7	8	8	6	6	5	4	4	3	3	3	4
25	3	3	3	3	2	3	2	4	4	6	6	8	8	8	8	8	8	6	8	8	8	6	6	6	6
26	7	8	8	8	7	4	3	3	4	***	10	12	12	13	12	11	14	14	12	11	11	8	5	5	9
27	4	4	4	5	5	4	1	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3
28	3	4	5	6	6	5	3	5	6	***	***	8	9	9	9	9	6	5	5	3	3	3	3	3	5
29	3	3	3	3	3	3	2	3	3	4	5	6	6	6	6	6	5	5	3	3	3	3	3	3	5
30	3	3	3	3	3	3	2	3	3	3	4	5	5	5	8	10	10	10	9	7	6	5	5	4	5
31	4	4	3	4	3	3	2	***	3	3	4	4	5	5	5	6	5	5	5	4	3	3	3	3	4
MEAN	4	4	3	3	3	3	2	3	4	4	5	6	6	6	7	7	6	6	5	4	4	4	4	4	5

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	3	3	3	4	4	4
2	3	3	3	3	3	3	4	6	5	5	6	6	9	9	8	7	7	6	6	5	5	5	5	5	5
3	5	5	5	5	6	5	4	6	7	7	7	9	9	9	10	10	9	8	6	6	6	5	5	5	7
4	4	4	4	4	4	4	2	3	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	3	4
5	3	3	3	4	4	3	2	4	4	5	5	5	5	6	6	6	6	6	5	5	4	4	3	3	4
6	3	4	4	4	4	3	2	4	3	3	4	5	4	5	5	4	4	4	4	4	4	4	4	4	4
7	4	3	3	4	3	3	2	3	3	4	5	5	8	8	5	5	4	4	4	4	4	4	4	4	4
8	3	3	3	3	3	3	2	3	4	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4
9	4	3	3	4	3	3	2	2	3	4	4	6	7	6	7	7	6	6	6	7	4	4	4	4	5
10	6	7	6	6	5	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
11	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1
14	1	1	1	1	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	1	2	2	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3
17	5	3	2	2	2	3	5	8	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	2	3	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
19	2	2	2	2	3	2	1	3	4	4	5	5	6	6	6	6	6	6	5	5	5	5	5	5	5
20	4	4	4	4	4	5	3	3	5	5	5	5	7	8	8	8	4	5	5	5	5	5	5	5	5
21	3	3	3	3	3	3	2	3	4	5	6	7	8	9	10	9	9	9	8	8	7	6	6	6	6
22	5	5	4	4	4	4	2	3	3	4	5	6	7	6	7	6	6	5	4	4	4	4	4	4	5
23	4	4	4	4	4	4	2	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	2	2	3	3	3	3	3	3	4	8	8	7	6	5	5	5	4	4	4
25	3	3	3	3	5	4	3	2	3	4	5	6	6	7	8	8	9	6	5	5	5	4	4	4	5
26	4	4	4	4	3	4	2	3	3	3	3	3	4	5	5	6	6	6	4	4	5	4	4	4	4
27	3	3	3	4	4	4	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	3	3	3	3	4	4	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
29	3	3	2	2	2	4	3	5	4	4	4	4	4	5	5	5	5	5	5	3	3	3	3	3	3
30	3	4	4	4	3	4	3	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4
MEAN	3	3	3	3	3	3	2	3	3	4	4	4	5	5	5	5	5	4	4	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	4	2	3	4	4	4	4	6	6	6	8	6	6	6	6	11	16	16	10	7
2	3	6	8	5	4	4	2	3	6	5	6	4	5	4	4	4	3	3	3	3	3	3	3	3	5
3	4	4	4	4	5	5	2	3	3	4	4	4	5	5	5	5	5	4	4	5	5	5	5	5	4
4	3	3	3	3	4	3	2	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
5	4	3	3	3	4	5	5	11	10	6	6	6	5	6	6	6	6	5	5	5	4	5	5	5	5
6	3	3	3	3	4	5	3	11	4	5	5	5	5	6	7	8	8	6	6	5	5	5	5	5	5
7	4	4	4	4	5	4	4	5	7	6	6	6	5	5	3	2	3	2	3	5	3	4	4	4	4
8	4	4	3	3	3	4	6	6	5	5	6	5	5	6	6	7	7	7	6	5	5	4	4	4	5
9	4	4	3	3	3	5	5	6	4	3	4	5	5	5	4	4	4	4	4	4	4	5	5	4	4
10	5	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	5	4	5	4	4	4
11	4	4	4	4	4	4	4	5	3	4	4	4	5	5	5	4	4	4	4	5	4	3	2	2	4
12	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3
13	3	3	3	3	4	4	3	4	5	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
14	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	3	3	3	3	0	0	0	1	2	1	3	3	4	4	4	5	3	4	3	3	3	3	3	3	3
18	3	3	3	3	2	2	2	2	2	3	4	4	5	5	5	5	4	4	3	3	2	2	2	2	3
19	2	2	1	1	1	2	3	1	2	3	4	4	4	4	4	2	4	3	3	2	4	6	8	7	3
20	4	2	2	2	4	11	10	1	9	7	1	1	1	1	1	1	1	1	1	13	1	1	1	1	1
21	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	4	4	3	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	3	3	3	3	3	3	3	2	2	2	2	1	1	2	1	2	2	2	2	1	1	1	1	1
26	1	1	1	1	1	2	2	5	5	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	5	7	5	3	4	3	3	3	3	2	2	3	4	5	7	10	9	5	4
28	3	2	2	2	2	2	4	8	5	3	3	3	3	3	3	3	3	2	2	3	4	5	4	2	3
29	2	2	2	2	2	2	3	4	3	3	3	2	3	3	3	3	4	4	3	2	2	2	2	2	3
30	2	2	2	2	2	2	3	4	3	3	3	2	3	3	3	3	4	4	3	2	2	2	2	2	3
31	2	1	2	1	1	1	2	3	3	3	2	2	2	3	2	3	3	3	3	3	2	2	2	2	2
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	5	5	4	5	7	2	3
2	1	1	1	1	1	1	1	1	****	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2
3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	****	****	****	****	2
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	8	8	8	8	8	7	7	7	****
5	7	7	7	7	7	****	8	****	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
6	2	2	2	2	2	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	2
7	1	1	1	2	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	****	6	4	4	4	4	4	4	3	3	3	3	3	3	3	****
9	3	4	4	4	3	3	2	2	2	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
10	3	3	2	2	2	2	3	5	4	4	3	3	3	4	4	3	2	2	2	2	2	2	4	3	3
11	4	3	2	2	2	2	2	2	1	1	1	2	2	2	3	2	2	2	2	2	3	4	3	4	2
12	4	3	3	3	3	3	3	2	3	3	3	3	3	4	4	3	3	2	3	2	2	3	4	4	2
13	5	6	6	6	5	4	2	2	2	2	1	1	0	0	0	0	0	1	1	0	0	0	1	1	2
14	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	3	2	1	2	2	3
15	3	1	1	2	3	3	2	3	2	2	3	3	2	3	3	3	3	2	2	1	1	1	1	1	2
16	1	1	1	1	1	1	1	****	0	0	0	0	1	2	2	3	4	4	2	1	1	1	0	1	1
17	1	0	0	0	0	0	2	3	****	****	2	3	3	2	3	4	4	5	6	4	2	2	2	2	2
18	1	1	0	0	1	3	3	3	3	3	3	3	4	4	4	5	6	6	4	5	4	5	6	8	3
19	6	4	2	1	2	2	2	5	6	4	5	5	5	5	5	4	4	3	3	3	2	2	2	3	4
20	3	3	4	4	4	4	3	4	3	3	3	4	4	4	4	4	5	4	4	4	5	5	6	5	4
21	4	5	1	1	1	2	2	2	2	2	2	2	2	3	4	4	4	4	4	3	3	3	3	4	3
22	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	0	1	0	2	2
23	0	0	0	0	0	0	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	2	1	1	2
24	1	1	1	1	1	1	1	1	2	2	1	2	3	3	3	4	4	3	1	2	1	1	1	1	2
25	0	0	0	0	0	0	1	2	2	3	3	3	4	4	4	4	4	4	3	4	3	3	3	3	2
26	2	2	2	2	2	2	3	5	****	4	3	3	2	2	1	1	2	1	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
28	2	1	1	1	0	0	1	1	1	1	1	2	2	2	2	2	3	2	1	0	0	0	0	0	1
29	0	0	0	1	0	0	2	2	****	3	3	4	4	4	2	3	4	7	6	8	4	6	7	5	3
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3	3	2

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	15	2	2	4
APR	30	2	6	20
MAY	28	3	9	12
JUN	30	4	9	14
JUL	31	4	9	12
AUG	27	5	9	16
SEP	30	4	7	10
OCT	29	4	6	16
NOV	29	2	4	8
YEAR	249	3	9	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR	176	168	1	0	0	0	345
APR	248	312	126	19	0	1	706
MAY	175	331	97	35	6	0	644
JUN	63	258	246	105	24	0	696
JUL	53	219	277	123	15	0	687
AUG	47	214	185	96	24	2	568
SEP	46	302	314	51	0	0	713
OCT	34	345	256	30	4	2	671
NOV	183	321	122	19	0	0	645
YEAR	1025	2470	1624	478	73	5	5675

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.6	1.5	2.4	3.6	6.0	7.8	9.5	10.5	20	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	0	0	1	-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
2	1	1	0	1	1	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
3	2	1	1	1	1	1	0	0	1	1	1	1	2	2	2	1	2	2	2	2	1	1	1	2	1
4	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	0	0	0	0	0	0	0	1	1	0	0	2	1	1	2	2	1	1	1	1	1	2	3	1
2	3	3	3	3	3	3	2	2	2	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2
3	1	1	1	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	1
4	****	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3	3	2	2	1	1	0	0	1
5	0	0	0	0	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	1	1	0	0	1
6	****	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3	3	3	2	2	1	1	1	1	1
8	1	1	1	0	0	0	0	1	1	1	2	2	2	3	3	3	3	3	2	2	1	2	2	1	2
9	1	2	2	2	2	2	1	1	2	2	2	3	3	3	3	3	3	2	2	2	1	1	1	1	2
10	1	0	1	2	1	2	1	1	1	2	2	2	2	2	3	2	3	2	2	2	1	1	1	1	2
11	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	1	1	0	****	****	****	1
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	1	0	0	1	1
19	0	0	1	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	2
20	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	2
21	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	0	1	2	2	2	3	3	3	3	3	3	2	1	1	0	0	0	0	1
23	0	1	2	2	3	2	2	2	1	2	2	2	3	4	3	3	3	3	2	2	1	1	1	2	2
24	1	1	2	0	0	0	0	0	1	1	2	2	1	****	1	1	2	1	1	0	0	0	0	1	1
25	1	1	1	1	1	1	1	1	****	****	****	****	3	3	3	3	3	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	0	1	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	1	2	2	2	1	1	2	2	3	4	6	7	6	7	5	4	4	3	3	2	2	2	2	4	4
29	6	5	4	4	3	3	2	2	3	3	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4
30	4	4	4	4	4	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	2	2	1	3
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	2

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	1	1	1	1	1	***	3	3	3	3	3	3	3	2	3	2	2	3	3	2
2	3	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4	4	3	3	2	2	2	2	2
4	2	3	2	2	2	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2
5	2	1	1	1	0	0	0	0	1	1	***	***	***	***	1	1	1	1	1	0	0	***	***	***	1
6	***	1	1	1	1	1	0	1	1	1	2	2	2	2	2	1	1	1	1	***	***	***	***	***	1
7																									
8	***	***	***	***	***	***	***	***	1	1	1	1	2	3	3	3	3	2	2	2	4	4	4	6	3
9	3	2	2	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
10	2	2	2	2	1	1	1	1	1	5	2	2	2	2	2	2	2	2	2	1	1	2	1	1	2
11	1	1	1	0	0	1	1	2	2	2	2	3	4	4	4	2	2	2	2	1	1	1	1	1	2
12	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
13	1	1	0	1	0	0	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	1
14	1	1	1	1	1	0	1	1	1	2	2	2	1	0	0	1	2	2	2	2	1	1	1	1	2
15	1	2	2	2	3	2	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
16	1	1	1	0	0	1	1	1	1	2	1	1	1	1	2	1	0	0	0	1	1	1	1	0	1
17	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	2	1	2	2	2	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	1	3	3	4	5	5	5	5	4	2	2	1	2	2	2
20	2	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	2
21	0	0	0	0	0	0	1	1	2	2	3	1	1	2	3	2	2	2	1	2	1	2	2	1	1
22	1	1	1	2	2	2	2	2	2	2	3	4	4	4	3	2	2	2	1	1	0	0	0	0	2
23	0	0	1	1	1	1	2	1	2	3	2	2	2	3	2	2	2	3	2	2	2	2	2	2	2
24	1	1	1	1	0	1	1	2	2	3	2	2	2	2	2	1	1	1	2	2	2	2	3	3	2
25	3	3	2	2	2	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2
26	2	2	2	2	2	0	1	1	1	1	1	2	3	3	3	3	3	3	2	1	1	1	0	0	2
27	0	0	0	0	0	0	0	1	1	1	1	2	1	1	2	1	1	1	1	1	0	0	0	***	2
28	***	***	***	***	***	***	***	***	1	2	2	2	3	3	2	2	2	2	1	1	0	1	2	1	2
29	1	1	1	1	1	1	1	2	2	***	3	3	3	4	4	4	4	4	5	4	4	4	3	2	3
30	***	2	3	3	4	3	3	3	3	3	4	4	4	4	5	5	5	5	3	3	3	2	2	1	3
31	0	3	3	2	2	2	1	1	2	3	3	3	4	4	3	3	3	4	2	2	2	2	2	1	2
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2

PERCENTAGE OF DATA VALID - 92

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	1	1	2	2	1	1	1	1	2	3	4	4	3	3	3	3	3	3	3	2	2	1	1	2
2	2	2	2	2	1	1	1	1	2	2	3	3	4	4	4	3	2	2	3	3	2	2	1	0	2
3	0	0	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	2	2	1	1	1	0	2
4	1	1	2	1	1	2	2	2	2	3	3	3	3	3	3	3	3	2	2	1	1	2	1	2	2
5	2	1	0	1	1	1	1	2	2	2	2	3	3	5	5	3	2	2	1	1	1	0	1	1	2
6	0	0	0	0	0	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	1
7																									
8	2	1	2	1	0	1	2	3	3	3	4	6	6	6	6	7	5	3	3	2	1	1	1	2	3
9	2	2	2	2	1	1	2	2	4	5	5	5	5	5	5	5	4	4	4	4	3	1	2	2	3
10	3	3	3	2	0	1	2	4	4	4	6	5	6	6	5	4	5	5	3	2	1	1	1	1	3
11	2	2	3	3	3	2	2	2	3	4	4	4	4	4	4	4	5	3	3	3	2	2	2	2	3
12	2	2	2	2	2	1	1	2	2	3	3	3	2	2	2	2	2	3	3	2	2	1	1	1	2
13	0	0	0	1	1	1	1	2	2	2	2	2	2	3	2	2	2	3	3	2	1	2	2	2	2
14	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
15																									
16	0	0	2	1	1	1	0	0	0	0	1	2	3	3	4	4	3	3	3	3	3	2	3	3	2
17	3	3	2	2	0	0	0	1	1	1	2	2	2	3	3	3	2	3	3	2	2	1	1	0	2
18	1	1	1	1	0	0	1	1	2	1	1	1	2	2	2	1	1	1	1	2	1	0	0	0	1
19	0	0	0	0	1	0	1	1	1	1	2	2	2	2	2	1	1	2	1	1	0	0	0	0	1
20																									
21	1	1	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	2	2	2	2	2	1
23	1	1	1	1	1	1	1	1	2	3	3	2	2	4	4	4	3	3	3	2	1	1	1	1	2
24													- DATA MISSING -												
25													- DATA MISSING -												
26	1	0	1	2	1	1	0	0	1	1	1	2	2	2	2	3	4	4	3	2	2	1	1	1	2
27													- DATA MISSING -												
28													- DATA MISSING -												
29	1	1	1	1	1	1	1	1	2	3	3	4	4	4	2	1	1	1	1	0	0	0	0	0	1
30	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	2	2	3	2	2	2	2	2	1
31	2	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1
2	1	1	1	1	1	1	2	4	3	2	2	2	1	2	3	3	2	2	2	1	2	2	2	2	2
3	2	3	3	2	2	1	1	1	2	2	2	3	3	4	3	3	3	3	2	2	2	2	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	4	4	4	4	3	3	2	2	2	2
9	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	4	4	4	4	3	3	2	2	2	2
10	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
12	1	1	1	1	1	1	2	2	1	2	2	3	3	4	4	4	4	3	2	2	2	2	2	2	2
13													- DATA MISSING -												
14													- DATA MISSING -												
15	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	1	1	1	2	1	1	2	2	2	3	2	3	2	2	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
10	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR	16	1	2	3
APR	28	2	4	7
MAY	30	2	3	6
JUN	18	2	3	7
JUL			DATA MISSING	
AUG	6	1	2	4
SEP	10	2	2	4
OCT			DATA MISSING	
NOV			DATA MISSING	
DEC	3	1	1	2
YEAR	111	2	4	7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - TOTAL OXIDANTS UNIT - PARTS PER HUNDREDMILLION
STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR	231	117	0	0	0	0	348
APR	280	264	37	3	0	0	584
MAY	306	343	40	0	0	0	689
JUN	168	215	47	1	0	0	431
JUL		DATA MISSING					
AUG	93	37	8	0	0	0	138
SEP	109	87	13	0	0	0	209
OCT		DATA MISSING					
NOV		DATA MISSING					
DEC	56	2	0	0	0	0	58
YEAR	1243	1065	145	4	0	0	2457

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
47	0	0.2	0.6	1.0	1.6	2.7	3.3	4.1	4.8	7	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	1	0	0	1	1	2	2	2	2	2	2	1	1	2	1	1	2	2	2	1
2	2	2	2	1	1	1	1	1	2	2	***	2	1	0	0	1	1	3	3	4	4	4	3	2	2
3	2	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	2
4	3	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	2	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	3	2	3	4	6	6	5	3	3	2
7	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	***	***	***	***	***	***	***	***	***	***
8																									
9																									
10	***	***	***	***	***	***	***	***	***	1	1	1	1	2	2	2	1	1	0	0	0	1	0	1	***
11	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	5	3	4	4	3	2
12	2	2	2	1	2	2	2	2	2	2	***	3	3	3	3	3	5	3	3	3	4	3	2	2	2
13	2	2	2	3	2	3	2	2	3	3	3	3	3	3	3	3	2	3	4	3	2	2	2	2	3
14	3	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	2
15	4	2	1	1	0	0	1	1	1	2	2	2	2	3	3	3	4	4	4	4	3	4	4	4	2
16	3	3	3	3	3	3	3	5	6	8	11	5	5	6	4	4	3	3	3	2	2	1	1	1	4
17	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2
18	2	2	2	2	2	3	2	2	2	2	1	1	3	3	3	3	3	2	2	3	3	3	3	3	2
19	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2	1	1	0	0	0	0	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	2	2	2	2	1
21	2	2	2	2	2	2	2	1	1	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
																					</				

PERCENTAGE OF DATA VALID - 57

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1		2	2	1	0	0	0	0	0	0
8	0	***	***	0	1	0	0	***	***	0	0	0	1	1	2	1	***		2	4	3	3	2	1	0
9	0	0	0	0	***	***	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	2	2	2	1	2	***	***	***	***	***	***	***	***	***	***	***	***
11	2	1	2	2	2	2	2	***	8	8	8	8	8	8	9	9	8	8	8	8	8	8	8	8	
12	8	8	8	8	8	8	8	7	8	8	9	9	9	9	9	9	9	8	8	8	8	8	8	8	
13	8	8	8	7	8	8	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	
14	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	7	7	
15	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	8	8	8	8	
16	8	8	9	8	8	8	8	8	8	9	***	5	5	5	4	3	2	2	2	2	3	3	2	3	
17	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	
18	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	
19	3	4	4	4	4	4	3	3	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
MEAN	4	5	5	4	5	5	4	5	5	5	5	4	5	5	6	5	6	5	5	5	5	5	5	5	

PERCENTAGE OF DATA VALID - 36

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7	1	1	2	2	3	2	1	1	1	1	1	2	2	2	1	2	2	1	1	2	3	4	4	****	2
8	3	3	3	3	2	2	1	2	3	3	3	4	4	4	4	4	3	2	2	1	1	1	****	1	3
9	0	0	0	0	0	1	0	****	****	1	1	3	4	4	4	4	4	3	1	1	0	0	0	****	1
10	0	1	1	1	2	1	1	1	1	1	1	2	3	4	4	4	4	3	1	2	2	2	2	****	2
11	1	1	1	1	2	2	1	1	2	3	4	4	4	4	4	4	4	2	2	2	2	1	1	0	2
12	1	0	0	1	1	1	1	1	1	2	2	1	2	3	5	5	3	1	1	1	1	1	1	****	2
13	2	2	2	2	3	1	1	1	1	3	3	4	****	5	5	5	4	3	1	****	****	3	3	****	3
14	3	2	2	****	****	****	****	****	2	3	4	4	4	5	5	5	4	4	****	****	****	****	****	****	3
15	1	2	2	2	2	****	2	2	2	3	3	3	4	5	5	5	4	3	3	2	2	****	****	****	3
16	3	4	3	2	2	2	****	****	****	3	4	2	3	5	****	****	****	8	3	2	2	****	****	****	3
17	2	2	2	2	2	2	2	2	2	3	4	6	6	6	6	6	6	5	3	3	4	5	5	4	4
18	4	4	4	4	4	4	3	3	3	4	4	5	6	7	7	7	5	4	3	3	3	3	3	3	4
19	3	3	3	3	3	3	3	3	3	4	****	****	****	5	4	5	5	4	2	****	****	1	3	3	3
20	3	1	2	3	5	3	4	3	3	3	2	****	****	****	0	0	0	1	1	0	1	0	0	0	2
21	0	0	0	0	1	1	0	0	0	0	1	1	2	3	4	3	4	3	1	0	0	0	0	0	1
22	0	0	1	1	1	0	0	1	2	3	3	3	4	4	3	3	3	4	4	4	2	4	4	4	2
23	4	4	4	5	4	3	2	2	2	2	2	3	4	5	4	4	3	2	1	****	1	0	1	1	3
24	1	1	****	****	0	0	0	0	1	****	3	3	****	5	5	6	5	4	3	1	1	0	0	0	2
25	0	0	0	1	0	0	0	1	2	3	4	5	5	5	5	5	4	2	1	1	1	1	1	1	2
26	1	1	3	5	5	5	5	4	5	5	5	5	5	4	4	2	1	3	4	3	2	1	1	3	4
27	3	4	5	5	5	5	5	4	5	5	5	5	4	3	3	3	3	2	1	1	1	1	1	1	3
28	1	0	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	2	2	1	1	****	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
30	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
31	3	2	2	2	2	2	2	2	2	2	2	2	1	****	****	****	****	1	2	2	2	1	3	4	2
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	2	2	2	1	2	2	2

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	2	2	2	2	2	2	3	3	3	3	2	****	2	2	2	****	****	****	****	2	2	2
2	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2	1	1	2	2	3	3	****	2	2	2
3	2	2	1	2	2	2	2	1	2	2	2	2	3	3	3	****	7	6	5	3	2	2	2	1	3
4	2	1	1	3	4	1	1	3	6	6	7	8	8	8	8	8	8	7	4	3	3	2	2	3	5
5	2	2	2	3	3	3	4	4	6	7	7	8	8	2	0	2	4	4	4	3	3	3	4	4	4
6	2	2	2	3	3	3	3	3	4	5	5	5	5	4	5	5	3	4	3	5	3	3	4	4	4
7	5	5	4	5	6	7	6	6	6	6	7	4	6	6	6	5	****	4	2	0	****	****	****	****	5
8	****	****	****	****	****	****	****	****	****	0	0	1	1	1	3	3	0	0	0	0	0	1	1	0	****
9	0	3	5	5	3	3	1	2	3	3	4	4	5	5	6	****	****	3	3	2	3	2	2	1	4
10	0	2	3	3	3	3	4	3	3	3	4	4	5	5	6	6	****	5	5	5	4	4	3	2	4
11	1	1	1	1	2	2	2	3	3	4	4	5	6	6	6	6	****	5	5	3	2	1	1	1	3
12	0	0	0	1	2	2	2	2	3	4	6	8	8	****	8	5	3	4	6	4	4	3	3	3	4
13	2	4	4	4	4	4	4	4	7	8	****	5	6	6	5	5	****	3	3	3	3	3	4	3	4
14	3	3	3	3	3	3	2	1	2	2	3	4	7	9	10	10	****	12	8	4	2	2	2	3	4
15	2	2	1	1	1	0	1	2	4	5	7	8	9	9	10	10	****	7	5	3	2	4	4	5	4
16	5	4	4	4	4	4	4	3	4	7	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17																									
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	6	5	4	3	3	2	2	****
19	1	2	3	3	4	4	4	4	5	5	5	6	7	7	7	7	7	7	6	5	4	4	3	5	5
20	3	4	4	4	4	5	6	8	8	8	8	9	8	9	9	9	9	10	10	10	10	11	10	11	8
21	8	9	9	9	9	10	10	10	10	10	10	11	10	9	9	13	12	11	9	7	****	****	****	****	10
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	0	0	0	0	0	****
23	0	0	0	1	1	1	1	1	0	0	0	****	5	7	1	****	7	5	3	1	1	0	0	0	2
24	0	0	0	0	0	0	0	0	1	1	2	****	2	3	3	****	4	3	2	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	1	3	5	****	7	7	8	9	7	7	8	3	3	2	1	1	3
26	2	3	2	2	1	1	1	1	2	4	4	****	12	15	17	17	16	15	13	12	9	8	6	3	7
27	4	4	4	4	5	6	7	8	7	8	13	****	20	20	17	13	15	19	15	9	11	11	10	9	10
28	8	8	8	8	8	9	9	11	13	12	****	13	12	11	10	10	8	8	7	5	3	1	3	8	8
29	7	7	6	5	5	2	2	2	3	4	****	6	8	8	9	9	9	9	6	6	7	6	5	7	6
30	7	6	5	5	5	3	1	1	2	4	6	5	6	5	5	6	5	6	6	6	6	7	7	6	5
MEAN	3	3	3	3	3	3	3	3	4	5	5	6	7	7	7	7	7	6	6	4	4	4	3	3	5

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	5	5	5	4	5	7	9	12	13	14	17	17	16	16	13	15	16	16	16	16	16	11
2	16	14	13	11	9	9	8	8	9	8	10	12	13	13	12	13	12	12	11	10	11	12	12	11	11
3	12	12	12	11	11	12	12	12	13	13	13	15	16	16	16	18	18	18	17	14	14	11	11	13	14
4	14	13	13	11	10	10	11	12	13	14	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5																									
6																									
7																									
8																									
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	1	2	2	4	9	11	****
10	1	0	0	0	0	0	0	1	1	1	****	1	1	2	2	2	2	1	1	1	1	1	0	1	
11	0	0	0	0	0	0	0	1	2	3	3	****	2	4	****	7	3	2	2	2	2	1	1	1	2
12	1	1	2	2	2	2	2	2	2	2	****	1	2	3	3	7	2	2	2	2	0	1	0	0	2
13	0	0	0	0	0	0	0	0	1	1	****	1	2	1	1	1	1	2	2	2	1	1	1	1	1
14	2	1	2	4	4	3	3	3	4	5	****	2	7	8	8	8	6	6	6	5	5	7	8	6	5
15	6	6	6	8	7	5	5	5	5	****	2	2	2	2	2	2	2	2	3	3	3	1	1	1	4
16	1	1	1	2	3	1	1	1	1	1	****	2	1	2	2	1	1	1	1	1	1	0	0	0	1
17	0	0	0	0	0	0	0	0	1	2	****	3	4	3	2	2	1	3	3	2	1	1	2	1	1
18	1	1	0	0	0	0	0	1	2	2	****	1	2	3	4	4	3	2	1	0	1	0	0	0	1
19	0	0	0	0	0	0	0	0	1	****	****	9	11	10	9	9	9	8	6	3	2	3	2	2	4
20	4	4	4	3	2	1	1	2	2	****	4	4	4	4	4	5	4	4	2	2	2	4	5	5	3
21	5	5	5	5	4	4	3	3	3	4	****	5	5	****	5	6	9	7	6	5	5	6	7	5	
22	6	6	6	3	5	5	4	3	3	4	****	9	9	8	6	5	5	5	4	3	2	2	2	5	
23	2	3	3	3	3	3	3	3	3	4	****	4	4	4	5	5	5	5	4	2	4	4	5	7	
24	7	7	7	6	6	5	3	3	4	4	****	5	8	5	5	5	5	5	5	4	4	5	6	5	
25	6	5	5	5	4	4	3	3	4	4	****	****	5	5	7	7	6	5	5	5	3	3	2	3	
26	4	5	5	4	4	3	4	****	5	5	5	6	8	8	8	7	6	5	4	3	3	3	2	3	
27	2	2	2	2	2	2	3	3	4	3	3	****	****	****	****	****	3	2	2	2	2	2	3	2	
28	3	3	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	
29	2	2	2	2	2	2	2	3	3	3	4	4	5	5	6	6	7	7	8	8	8	8	7	7	
30	3	2	2	2	2	2	3	4	6	7	7	8	9	9	9	10	10	10	8	7	6	4	4	3	
31	3	4	4	3	4	4	4	3	2	3	4	4	7	7	7	7	7	6	5	7	7	5	4	3	
MEAN	4	4	4	3	3	3	3	3	4	4	7	5	6	6	6	6	6	5	5	4	4	4	4	4	

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	2	2	3	****	5	8	9	9	8	9	8	8	8	7	4	3	4	3	5
2	3	3	4	3	3	3	2	3	3	****	6	8	9	****	5	6	3	2	1	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	3	4	3	3	2	2	2	1
4	2	2	2	2	2	2	2	2	2	3	3	3	2	1	1	0	1	1	1	2	2	2	2	2	2
5	2	2	2	3	3	3	3	2	2	2	4	6	7	4	5	5	4	4	3	2	2	2	2	2	3
6	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	6	5	5	4	3	4	****	****	3
7																									
8																									
9																									
10																									
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	9	8	7	5	4	2	4	4	****
12	4	4	3	3	2	2	1	1	1	****	5	3	5	5	5	4	3	5	5	5	4	3	2	2	3
13	2	2	2	2	2	2	2	2	3	2	4	4	4	4	4	4	4	5	5	3	3	2	3	2	3
14	2	2	3	2	2	2	2	2	2	4	4	4	4	5	6	6	6	6	6	6	5	5	5	4	4
15	3	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	4	6	6	6	6	5	5	2	****
24	1	1	3	4	5	4	2	1	1	1	3	5	8	8	8	8	8	6	4	3	5	5	3	1	4
25	1	0	0	1	2	2	2	1	1	1	2	2	3	3	0	1	2	1	2	5	6	2	1	1	2
26	1	1	1	1	1	0	2	2	2	1	1	1	2	3	3	3	3	3	2	2	2	2	1	1	2
27	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	0	0	2
28	1	1	1	1	1	0	0	0	0	1	2	5	4	1	2	4	4	4	4	2	1	1	0	0	2
29	0	0	0	1	1	0	0	0	0	0	1	2	3	4	****	****	****	****	****	****	****	****	****	****	****
30																									
MEAN	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	3	3	2	2	3

PERCENTAGE OF DATA VALID - 51

UNITS - PARTS PER HUNDREDMILLION

MONTH JUL 70

PERCENTAGE OF DATA VALID - 88

UNITS - PARTS PER HUNDREDMILLION

MONTH AUG 70

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	1	2	***	3	3	3	3	3	3	1	1	2	2	2	2	2	***
2	2	2	1	1	1	1	2	2	2	1	***	1	2	3	4	1	1	3	2	2	2	2	1	2	2
3	3	4	4	3	2	1	1	***	1	3	4	6	7	5	5	5	5	5	3	3	2	2	2	3	2
4	3	2	2	2	2	2	2	2	3	***	***	***	3	3	3	3	2	2	2	***	***	***	***	***	2
5	***	***	***	1	1	1	1	1	2	2	***	1	2	3	3	3	3	2	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	1	2	3	***	4	4	4	4	4	1	1	1	1	1	1	1	1	2
7	1	1	1	1	2	2	2	3	3	3	3	4	4	4	5	5	5	4	3	3	3	3	3	3	3
8	4	5	4	4	3	3	3	3	4	2	5	6	6	5	4	5	5	4	4	4	3	3	3	4	4
9	3	3	4	4	4	4	3	4	4	***	***	3	4	7	8	2	1	1	2	***	***	***	***	***	4
10	***	***	***	***	***	***	***	***	***	***	***	2	3	3	2	1	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	2	4	5	6	6	5	5	3	2	2	2	3	2	2	***
12	1	1	1	1	2	2	2	1	3	5	4	8	9	9	9	9	8	5	4	4	5	5	6	4	5
13	3	4	5	6	7	7	7	7	7	7	6	5	6	7	7	7	7	7	7	7	7	7	7	7	6
14	7	7	8	8	8	8	8	8	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24	***	***	***	***	***	***	***	***	***	***	***	3	4	4	5	3	1	1	3	2	1	2	1	***	***
25	1	1	1	2	1	0	1	1	2	4	4	2	1	5	4	4	4	2	1	1	1	2	2	2	2
26	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	3	3	3	2	2	1	2	2
27	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
29	2	2	2	1	1	1	1	1	1	1	2	2	1	2	***	4	3	2	2	2	2	3	3	3	2
30	2	2	2	2	2	2	3	4	4	3	3	2	1	2	2	2	2	2	1	1	1	1	1	1	2
MEAN	2	2	3	2	2	2	2	3	3	3	3	3	4	4	4	4	4	3	2	2	3	2	2	2	3

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	2	***	3	2	1	1	3	3	3	3	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	***	4	4	4	4	2	3	3	3	3	2	2
3	2	3	3	2	2	3	3	3	3	3	3	4	4	3	3	3	3	2	2	2	2	2	2	2	3
4	2	2	2	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	3	3	4	3
5	4	3	3	2	2	3	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	0	0	0	0	0	***
16	0	1	1	0	0	0	0	0	0	0	***	3	2	1	1	1	1	0	0	0	0	0	1	1	1
17	2	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	1	2	2	2	2	0	1
18	0	0	0	0	0	0	0	0	0	2	2	2	3	3	3	3	2	1	1	1	2	2	1	1	1
19	1	0	0	0	0	0	0	1	3	2	***	3	3	2	2	2	2	1	1	1	2	2	3	2	1
20	2	1	1	1	1	1	2	3	2	1	3	4	4	4	5	5	4	4	4	4	3	3	3	4	3
21	4	3	4	4	4	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3
23	2	2	3	3	3	3	2	2	3	3	3	3	4	4	5	5	4	4	4	4	4	5	5	3	3
24	4	3	3	3	3	3	3	3	3	3	3	4	4	5	4	4	3	3	4	5	6	8	8	7	4
25	3	3	2	2	2	2	2	3	2	3	3	3	3	3	4	4	3	3	4	5	4	3	3	3	3
26	2	2	2	2	3	3	2	3	3	3	3	***	***	***	***	2	2	1	2	2	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	1	1	1	1	2	2	2	1
28	2	2	2	2	2	2	2	2	2	2	***	***	***	2	3	3	3	3	3	3	2	3	2	2	2
29	2	2	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	***	***	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2	1	2	2	1	1	1	1	2
8	4	4	3	2	2	2	1	1	1	1	3	3	3	3	3	3	2	2	2	1	1	3	4	4	2
9	4	2	2	2	2	2	2	3	2	2	3	3	3	4	4	4	3	3	3	3	3	3	2	3	3
10	3	3	4	4	4	4	3	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	2	2
11	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
12	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
14	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	1	3	2	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	0	0	0	0	0	0	0	1	1
21	1	1	1	2	2	1	1	1	1	2	2	2	2	2	1	1	0	0	0	0	0	0	1	1	1
22	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
23	2	2	3	3	3	2	1	2	2	3	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1
24	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1
25	1	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
26	0	1	1	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
27	1	2	2	0	1	1	2	2	3	3	3	2	5	5	5	3	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0	0	1
30	3	3	3	3	3	3	2	3	4	4	4	4	4	1	1	1	0	1	2	3	2	3	3	2	3
MEAN	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	19	2	4	11
FEB	13	5	8	9
MAR	26	2	4	8
APR	29	5	10	20
MAY	28	4	14	18
JUN	18	3	5	9
JUL	30	3	4	11
AUG	27	3	5	12
SEP	21	3	6	9
OCT	23	2	4	8
NOV	30	1	3	7
YEAR	264	3	14	20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	163	226	34	1	1	0	425
FEB	35	78	10	122	0	0	245
MAR	210	207	138	4	0	0	559
APR	100	188	168	121	20	11	608
MAY	139	187	155	71	45	20	617
JUN	89	177	87	21	0	0	374
JUL	164	273	170	46	2	0	655
AUG	216	171	114	28	1	0	530
SEP	119	168	81	35	0	0	403
OCT	132	298	55	4	0	0	489
NOV	489	200	23	1	0	0	713
YEAR	1856	2173	1035	454	69	31	5618

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70	0	0.3	0.9	1.7	2.9	6.0	7.6	9.6	12.0	20	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
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22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25	****	****	****	****	****	****	****	****	****	****	****	5	5	3	3	3	4	4	3	3	3	3	3	3	****
26	3	3	3	5	5	5	5	5	****	4	4	4	4	3	3	3	5	6	6	5	5	5	5	5	5
27	6	6	6	6	6	6	6	6	****	6	6	5	5	6	5	5	5	6	6	5	5	5	5	5	5
28	4	4	4	5	5	5	5	4	****	4	5	5	6	5	5	5	5	6	6	6	5	5	6	5	6
29	5	5	5	6	6	6	5	5	****	5	5	4	5	4	4	4	4	5	5	5	5	6	6	5	5
30	5	6	4	4	4	4	4	4	****	5	5	5	5	3	4	3	3	2	4	5	5	5	5	5	4
31	4	4	4	5	5	5	5	5	****	5	6	7	7	7	8	7	9	9	7	6	6	7	6	6	6
MEAN	5	5	4	5	5	5	5	5	****	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	10	6	6	5	5	5	****	5	6	6	6	6	6	4	5	6	6	6	6	7	7	8	6
2	8	8	8	8	8	8	8	7	3	4	3	****	3	4	4	4	4	5	6	6	6	6	6	5	6
3	5	4	5	5	6	6	5	4	****	4	5	5	5	5	4	4	4	5	7	6	5	3	3	4	5
4	4	4	5	6	6	5	5	5	****	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5												- DATA MISSING -													
6												- DATA MISSING -													
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25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28	3	3	3	3	3	3	3	3	1	3	1	1	2	1	1	1	2	2	3	3	3	3	3	4	2
29	4	4	4	3	3	3	3	2	1	2	2	2	2	1	1	0	1	3	4	3	3	3	3	3	3
30	3	3	3	3	3	3	3	2	1	1	****	6	6	9	4	5	6	6	5	6	6	6	6	6	4
MEAN	5	5	5	5	5	5	5	4	2	3	3	4	4	4	3	3	4	5	5	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	5	5	6	5	5	4	4	8	10	10	10	11	12	12	11	10	10	9	8	8	8	8
2	8	8	8	6	7	7	6	7	5	6	6	6	7	8	8	8	8	8	8	7	7	7	7	7	7
3	7	7	6	6	6	6	6	6	5	6	7	7	7	8	9	9	7	5	5	9	10	9	8	8	7
4	6	6	6	6	6	6	6	6	5	6	8	9	10	11	10	****	9	10	9	8	9	9	9	9	8
5	8	8	8	8	8	8	7	7	6	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6																									
7																									
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27																									
28																									
29																									
30																									
31																									
MEAN	7	7	7	6	6	7	6	6	5	6	7	8	9	9	10	10	9	9	8	9	9	8	8	8	7

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	4	4	5	5	5	5	5	5	5	5	5	4	4	3	3	3	4
2	4	4	4	4	4	4	3	4	5	5	5	5	5	6	5	5	5	5	5	4	4	4	5	5	5
3	6	6	5	5	5	5	3	4	5	5	5	6	6	6	6	6	5	5	5	5	5	4	4	5	5
4	4	4	4	4	4	4	3	3	3	4	4	5	2	2	2	2	2	1	2	1	2	2	2	1	3
5	1	2	2	1	1	1	1	1	2	3	3	****	4	3	0	3	6	4	4	5	2	3	2	2	2
6	2	2	2	2	2	2	2	2	4	****	6	2	8	0	3	9	10	9	8	4	2	2	3	3	4
7	3	3	3	3	3	2	3	3	3	****	8	10	****	14	4	0	8	5	3	1	1	0	0	4	
8	0	1	1	1	1	1	1	1	2	****	8	8	7	6	5	4	4	3	2	2	1	1	1	3	
9	1	1	1	1	1	1	1	3	5	****	10	12	12	11	10	10	10	9	8	4	5	8	8	5	
10	4	3	2	2	2	2	2	2	1	****	****	****	****	****	****	****	7	7	7	7	7	****	****	****	****
11	****	****	7	7	7	7	7	7	7	7	7	5	5	****	7	7	8	10	9	7	3	4	4	4	6
12	4	4	4	4	4	4	3	4	4	5	5	6	6	****	4	3	4	4	5	4	4	4	4	4	4
13	4	4	4	4	4	4	4	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14																									
15																									
16																									
17																									
18																									
19	****	****	****	****	****	****	****	****	****	****	****	****	2	3	2	2	1	1	2	2	1	1	2	2	****
20	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	0	2	2	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	2	2	2	2	1	1
22	2	2	2	1	1	1	1	1	2	2	2	2	3	3	2	3	3	2	2	3	3	3	3	3	2
23	3	3	3	3	3	2	2	2	2	3	3	3	3	4	4	3	4	3	5	3	3	3	3	3	3
24	3	3	3	3	3	2	2	2	2	3	3	3	3	4	4	3	3	2	2	2	2	1	1	****	3
25																									
26	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	5	4	5	6	5	4	3	3	2	****
27	2	3	2	2	2	2	1	1	2	1	1	2	2	2	2	3	2	3	3	2	3	2	2	2	2
28	2	2	2	2	2	3	3	3	3	4	4	5	5	****	5	4	3	3	2	2	1	1	1	1	3
29	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
30	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1	3	5	5	5	4	4	4	2
31	2	3	3	3	2	2	2	2	****	3	3	3	3	3	3	3	2	****	****	****	****	****	****	****	3
MEAN	2	3	3	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	1	1	****
2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	5	4	4	3	3	3	3	3	3	3	2
3	2	3	3	2	2	2	3	3	3	3	4	4	5	4	4	4	4	4	4	4	4	4	4	5	4
4	5	4	4	4	4	4	4	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
10													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
16													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
17													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
18													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
19													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
20													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
21													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
22													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
23													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
24													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
25													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
26													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
27													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
29													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
30													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
MEAN	3	3	3	2	2	2	3	3	3	3	3	4	4	4	5	4	4	4	3	3	3	3	3	3	3
PERCENTAGE OF DATA VALID -	9																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
2													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
3													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
4													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
10													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	0	0	1	0	0	****
17	0	0	0	****	****	****	0	1	1	1	0	****	0	****	****	****	0	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	****	1	1	1	0	0	1	1	1	1
19	0	0	0	0	0	0	2	3	2	1	0	****	****	****	****	****	****	2	2	2	2	2	3	3	1
20	3	2	2	2	2	2	3	4	4	****	****	2	2	2	2	2	2	3	3	3	3	3	2	3	3
21	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	****	****	****	6	3	5	5	5	5	5	5	5	3
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	2	2	3	3	3	3	2	2	2	2	3	3	3	3	1	1	2	2	2	3	3	3	3	3	2
29	2	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	3	3	3	3	3	3	3	3	2	****	****	****	****	****	****	****	****	****	****	****
31													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PERCENTAGE OF DATA VALID -	42																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												- DATA MISSING -														
2												- DATA MISSING -														
3												- DATA MISSING -														
4												- DATA MISSING -														
5												- DATA MISSING -														
6												- DATA MISSING -														
7												- DATA MISSING -														
8												- DATA MISSING -														
9												- DATA MISSING -														
10												- DATA MISSING -														
11												- DATA MISSING -														
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	1	****
13	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	3	3	3	2	2	2	2
18	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	2	1	2	2	2	2	1	1
20	1	1	1	1	2	2	2	1	1	1	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
23	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****
25												- DATA MISSING -														
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	****
27	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
29	1	1	1	1	1	1	2	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3	****	****	****	****	****	****	****	****	1	1	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1
4	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	
5	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
8	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	****	****	****	****	****	****	****	****	****	****	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
16													- DATA MISSING -													
17													- DATA MISSING -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	1	1	1	1	1	****
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1	
20	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	
21	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	****	****	****	****	****	****	****	****	
22													- DATA MISSING -													
23	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	****	
24	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
26	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	2	2	1	2	
27	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	
28	2	1	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	0	
29													- DATA MISSING -													
30													- DATA MISSING -													
31	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 60

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR	7	5	6	9
APR	7	4	6	10
MAY	5	7	8	12
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	25	3	6	14
SEP	4	3	4	5
OCT	15	3	5	6
NOV	18	2	2	3
DEC	23	1	2	3
YEAR	104	3	8	14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR	0	18	124	9	0	0	151
APR	13	45	77	14	0	0	149
MAY	0	0	37	63	5	0	105
JUN		DATA MISSING					
JUL		DATA MISSING					
AUG	106	234	151	39	4	0	534
SEP	13	23	29	0	0	0	65
OCT	58	159	96	0	0	0	313
NOV	142	239	0	0	0	0	381
DEC	347	104	0	0	0	0	451
YEAR	679	822	514	125	9	0	2149

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
36	0	0.3	0.9	1.7	3.0	5.2	6.6	8.1	9.3	14	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1
2	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
3	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1
6	0	0	1	1	1	0	0	0	0	1	0	1	0	1	1	1	1	1	0	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
13	1	1	1	1	0	0	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	0	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
16	0	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	2	2	2	2	1
17	2	1	0	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0
21	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
23	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	0	0	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	2	1	2	2	2	2	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
30	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
31	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	0	0	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1	1	1	1	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
5	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	1	0
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
10	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	0	2	1	0	0	1	2	2	1	1	1	1	1	1	1	2	1
14	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1
16	2	2	2	2	2	2	1	2	1	0	2	1	0	1	1	1	2	1	1	1	1	1	1	2	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	1
19	2	2	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	0	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	1	1
21	2	2	2	2	2	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	2	1	2	1
22	1	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
23	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	2	1	0	1
25	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
26	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	2	2	2	0	0	0	1	1	1	1	0	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	1
4	1	1	0	0	2	2	2	0	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1
5	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
6	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
7	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
8	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	1	2	2	2	1	2	1	1	2	2	2	2	2	1	2	0	2	2	2	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15																									
16	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
17	2	2	2	2	2	2	4	3	1	1	1	1	1	1	2	1	1	2	2	0	2	0	0	0	0
18	0	1	2	2	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2	1	0	1	0	1	1	0	1	1	1
20	1	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	1	1	2	2	1	1	1	0	0	0	0	0	0	1	2	1	1	2	2	2	2	2	1	1	1
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	0	0	0	1
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	1	1	2	2	2	2	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2
5	2	2	2	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9	2	1	0	0	1	1	1	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
10	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	1	1	1	1	1	1	2	1	1	2	2	2	2	1	2	2	2	2	1	1	1	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	0	1	1	1	3	3	2	1	0	0	1	1	0	1	1	1	1	3	3	3	3	1	2	2	2
14	2	2	2	2	2	2	2	2	1	0	0	2	3	3	3	3	2	2	1	1	2	3	3	3	2
15	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
16	1	0	0	0	0	0	0	1	0	0	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	1	1	2	2	****
12	1	2	2	2	2	3	2	2	****	2	2	2	2	3	1	1	1	2	2	3	3	3	3	3	2
13	3	4	4	4	4	3	2	2	****	3	3	3	3	3	3	3	3	0	1	3	3	3	3	3	3
14	3	3	3	3	3	3	2	2	1	2	1	1	2	4	3	3	3	3	3	3	3	3	1	1	2
15	3	3	3	3	2	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	2	2	2	1	1	1	1	****	1	1	1	1	1	1	1	1	2	2	2	2	2	1
17	2	1	1	2	2	1	1	****	2	2	2	2	3	3	4	3	3	2	2	1	1	1	1	1	2
18	1	1	1	1	1	1	1	****	2	1	2	2	2	2	2	2	2	3	3	3	2	2	2	3	2
19	2	2	2	1	1	2	1	****	3	4	5	5	4	4	4	****	****	****	****	****	****	****	****	****	****
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												- DATA MISSING -														
2												- DATA MISSING -														
3												- DATA MISSING -														
4												- DATA MISSING -														
5												- DATA MISSING -														
6												- DATA MISSING -														
7												- DATA MISSING -														
8												- DATA MISSING -														
9												- DATA MISSING -														
10												- DATA MISSING -														
11												- DATA MISSING -														
12												- DATA MISSING -														
13												- DATA MISSING -														
14												- DATA MISSING -														
15												- DATA MISSING -														
16												- DATA MISSING -														
17	****	****	****	****	****	****	****	****	1	0	1	1	1	0	0	1	1	1	1	1	1	2	1	2	1	1
18	1	2	2	2	2	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	2	2	2	2	1	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	1	1	1	1	1	1	1	0	1	1	2	2	2	2	2	2	2	2	2	2	1	1	0	1	1	
21	1	0	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	2	1	****	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	1	
23	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
24												- DATA MISSING -														
25												- DATA MISSING -														
26												- DATA MISSING -														
27												- DATA MISSING -														
28												- DATA MISSING -														
29												- DATA MISSING -														
30												- DATA MISSING -														
MEAN	1	1	1	1	1	1	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	0
4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
21	1	1	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0
30	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	1	1	1	1	1	0
2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
11	1	1	3	6	7	12	15	17	****	****	****	****	****	****	****	****	0	0	0	0	0	0	1	1	4
12	1	0	0	0	0	0	0	0	0	1	2	2	3	3	4	5	6	6	7	8	8	****	****	****	3
13																									
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
15	1	1	0	0	0	0	1	1	1	0	****	0	0	0	0	0	0	0	1	1	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
18	1	1	1	1	0	0	0	0	0	****	1	1	0	1	1	1	2	2	3	3	2	1	1	2	1
19	1	1	1	1	1	1	1	1	1	****	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	****	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1
22	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	1	1	1	****	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0
24	0	0	1	1	1	1	1	1	****	1	1	0	1	1	1	1	1	1	2	1	1	1	1	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
26	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	0	0	0	0	****	1	1	1	1	1	1	****	1	1	1	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1	1	2
FEB	28	1	2	3
MAR	30	1	2	4
APR	23	1	3	4
MAY	9	2	3	5
JUN	7	1	1	2
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	6	0	0	0
NOV	30	0	0	2
DEC	30	1	4	17
YEAR	194	1	4	17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL OXIDANTS

UNIT - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 & OVER	TOTAL
JAN	639	76	0	0	0	0	715
FEB	477	161	0	0	0	0	638
MAR	482	181	1	0	0	0	664
APR	301	203	12	0	0	0	516
MAY	69	104	12	0	0	0	185
JUN	110	32	0	0	0	0	142
JUL		DATA MISSING					
AUG		DATA MISSING					
SEP		DATA MISSING					
OCT	144	0	0	0	0	0	144
NOV	716	2	0	0	0	0	718
DEC	668	14	5	4	1	2	694
YEAR	3606	773	30	4	1	2	4416

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
67	0	0.1	0.4	0.6	0.9	1.6	1.9	2.6	2.9	17	1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	3	3	3	3	2	2	2	3	3	3	3	3	2	2	3	4	4	4	3
2	4	4	3	3	4	3	3	5	3	3	3	4	3	3	3	4	5	6	5	6	6	6	5	6	4
3	7	6	6	5	5	6	5	4	4	6	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	3	3	3	4	3	3	3	3	4	***	6	7	4	3	3	4	6	6	7	7	7	7	7	6	5
6	5	5	5	5	5	5	5	5	***	***	3	3	3	3	2	3	3	3	3	4	5	4	3	3	4
7	3	3	3	3	3	3	3	3	3	4	3	4	3	3	3	3	3	3	3	3	3	2	2	3	3
8	2	2	2	3	2	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	1	2
9	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	3	3	3	4	4	4	4	4	4	2
10	4	4	3	3	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	4	4	3	3	3	3
11	3	3	3	3	2	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	3	2	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***
13	3	3	3	3	3	4	3	3	3	4	4	4	3	***	***	***	***	***	***	***	***	***	***	***	***
14	3	3	3	4	4	4	4	4	4	4	***	***	3	4	3	4	4	3	3	3	3	2	2	2	3
15	2	2	2	2	2	2	2	2	2	2	2	***	***	***	***	***	***	1	3	6	4	3	3	4	3
16	4	4	4	4	0	0	0	0	0	***	***	***	***	***	***	1	1	4	3	3	2	2	1	1	2
17	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	***	2	2	1	1	1	0	3	3	3	2	2	2	1	1	1
20	1	1	1	1	1	1	1	3	3	***	2	2	1	2	3	3	4	4	3	2	***	***	***	3	2
21	0	0	0	0	0	0	0	0	0	1	***	3	0	0	1	1	2	2	3	4	5	5	5	6	2
22	6	8	7	3	2	3	2	3	3	***	3	3	2	2	2	3	3	3	3	3	3	3	4	4	3
23	4	4	4	4	3	3	3	3	3	***	1	1	1	1	***	3	2	2	3	3	3	3	4	4	3
24	4	5	5	4	4	4	4	3	3	***	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3
25	2	2	2	2	2	2	2	1	1	***	2	1	2	2	2	2	2	2	1	1	2	2	2	2	2
26	2	2	2	1	1	1	1	1	1	***	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2
27	2	2	2	1	2	1	2	2	2	***	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2
28	1	2	1	1	1	1	2	2	2	***	1	2	1	2	1	1	1	1	1	1	1	2	2	1	1
29	1	1	1	1	1	1	1	2	2	***	1	2	1	1	2	2	2	2	1	4	2	2	2	1	2
30	2	1	1	2	2	2	2	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	2	***
31	2	2	2	2	2	2	1	1	2	***	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	4	3	2	2	2	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	2
2	1	1	1	1	1	2	1	2	2	***	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2
3	2	2	1	2	2	2	3	3	3	1	***	0	0	***	***	***	***	***	***	***	2	2	2	2	2
4	2	2	3	3	2	2	3	3	3	***	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	3	3	1	***	3	1	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	1	0	1	2	2	***	2	3	3	3	4	4	3	3	2	2	***
7	2	3	2	2	2	3	2	2	3	***	2	2	1	2	1	2	2	2	3	3	4	3	3	3	2
8	3	3	3	3	3	3	3	3	4	***	3	2	2	3	2	2	2	2	3	3	2	2	2	2	3
9	2	2	3	2	2	1	1	1	1	***	2	2	3	3	3	2	3	4	3	3	3	3	3	3	2
10	3	3	3	3	3	2	2	3	3	***	3	3	3	2	3	4	4	4	4	4	3	3	3	3	3
11	3	2	2	2	2	2	3	3	3	0	0	0	1	2	2	2	3	4	5	5	6	7	7	3	3
12	2	2	3	2	2	2	2	3	3	***	3	2	4	3	3	3	4	4	4	4	4	4	3	3	3
13	3	2	2	2	3	3	4	5	5	***	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	4	4	3	2	2	1	1	1	1	2	2	2	3	3	3	3	2	2	2
15	2	2	2	2	2	2	2	2	2	***	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2
16	2	2	1	1	1	2	2	2	2	***	5	5	4	2	2	2	3	4	5	6	7	6	5	4	5
17	3	4	3	3	4	5	5	5	5	3	5	5	4	4	4	4	5	6	5	4	3	3	3	3	4
18	3	4	3	3	4	5	5	5	5	3	5	5	4	4	4	4	5	6	5	4	3	3	3	3	4
19	3	2	2	2	1	2	3	2	3	0	0	2	2	3	3	3	4	5	6	6	6	4	4	3	3
20	3	2	3	2	2	3	3	3	4	***	2	2	2	3	2	3	4	3	3	4	4	5	6	5	3
21	5	5	5	4	4	4	3	3	4	***	3	4	3	4	3	3	3	3	3	4	4	3	3	4	4
22	3	4	3	3	3	2	3	3	4	***	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	3	3	2	2	2	3	3	3	3	3	3	2	3	2	3	3	3	3	2	4	4	3	3	3
24	3	3	3	3	3	3	3	3	***	1	2	2	3	3	3	4	4	5	5	4	3	2	2	3	3
25	3	2	3	2	1	1	2	2	0	0	1	2	2	2	2	3	3	4	4	4	4	4	3	3	2
26	3	4	4	4	3	3	4	3	3	1	***	1	1	2	2	3	3	***	***	***	***	***	***	***	***
27	1	1	1	2	2	3	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	1	***
28	1	1	1	1	1	1	1	1	1	***	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1
MEAN	3	3	3	2	2	2	3	3	3	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - 471 UNIVERSITY WINDSOR OAMST													NO 12008												
													MONTH MAR 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	0	0	****	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	****	2	2	3	3	3	3	3	3	3	3	3	3	3	4	2
4	4	4	4	4	4	3	3	3	3	****	3	4	4	4	3	4	4	3	4	4	3	3	3	2	3
5	2	1	1	2	1	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
6	3	2	2	2	3	3	3	3	2	****	1	1	1	1	2	3	****	****	****	****	****	****	****	2	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	****	1	2	2	3	3	3	4	3	2	2	2	1	1	1	1
10	1	1	1	1	1	2	2	2	2	****	****	1	2	2	3	4	5	4	4	4	5	5	5	5	3
11	5	2	2	1	1	1	1	1	1	****	3	3	1	****	3	3	4	4	4	4	4	4	4	4	3
12	4	3	2	1	1	2	2	2	2	1	****	2	2	2	2	2	****	2	****	****	****	****	****	****	2
13	****	****	****	****	****	****	****	****	****	****	****	****	7	8	7	8	10	10	10	10	10	10	10	10	****
14	9	8	7	6	4	5	6	7	8	****	5	6	5	6	6	5	5	6	7	7	7	8	9	9	7
15	8	6	6	6	5	5	4	4	4	****	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
16													- DATA MISSING -	-	-										
17													- DATA MISSING -	-	-										
18													- DATA MISSING -	-	-										
19													- DATA MISSING -	-	-										
20													- DATA MISSING -	-	-										
21													- DATA MISSING -	-	-										
22													- DATA MISSING -	-	-										
23													- DATA MISSING -	-	-										
24													- DATA MISSING -	-	-										
25													- DATA MISSING -	-	-										
26													- DATA MISSING -	-	-										
27													- DATA MISSING -	-	-										
28													- DATA MISSING -	-	-										
29													- DATA MISSING -	-	-										
30													- DATA MISSING -	-	-										
31													- DATA MISSING -	-	-										
MEAN	3	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
PERCENTAGE OF DATA VALID - 41																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - 471 UNIVERSITY WINDSOR OAMST													NO 12008												
													MONTH APR 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													DATA MISSING	-	-										
2													DATA MISSING	-	-										
3													DATA MISSING	-	-										
4													DATA MISSING	-	-										
5													DATA MISSING	-	-										
6													DATA MISSING	-	-										
7													DATA MISSING	-	-										
8													DATA MISSING	-	-										
9													DATA MISSING	-	-										
10													DATA MISSING	-	-										
11													DATA MISSING	-	-										
12													DATA MISSING	-	-										
13													DATA MISSING	-	-										
14													DATA MISSING	-	-										
15													DATA MISSING	-	-										
16													DATA MISSING	-	-										
17													DATA MISSING	-	-										
18													DATA MISSING	-	-										
19													DATA MISSING	-	-										
20	****	****	****	****	****	****	****	****	****	****	****	2	2	1	2	2	1	****	****	****	****	****	****	****	****
21	1	0	0	0	0	0	0	0	****	1	2	2	2	2	2	3	3	3	4	4	3	3	3	3	2
22	3	3	3	3	3	2	2	2	2	****	1	2	2	2	1	4	2	2	2	2	2	2	2	2	2
23	2	2	1	2	2	2	2	2	3	****	1	2	1	1	1	2	2	3	4	4	5	5	5	5	3
24	6	7	5	3	3	3	3	3	4	****	4	4	****	4	4	4	4	4	5	4	5	6	6	6	4
25	5	4	4	3	4	4	5	5	5	****	4	3	3	3	2	1	2	1	2	3	3	2	2	2	3
26	2	3	2	2	2	2	2	2	2	****	0	0	1	1	0	0	0	0	2	3	3	2	2	2	1
27	2	1	1	1	1	2	2	2	2	****	1	2	2	3	2	2	****	3	3	4	3	4	4	4	2
28	3	3	3	2	2	2	2	2	3	****	1	2	2	2	2	2	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	1	2	3	2	2	3	2	2	2	2	2	2	1	2	****
30	2	1	1	1	1	1	1	1	****	1	1	2	2	2	1	1	0	0	1	1	1	1	1	0	1
MEAN	3	3	2	2	2	2	2	2	3	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
PERCENTAGE OF DATA VALID - 30																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	1	1	1	****	****	1	1	1	1	2	3	4	5	5	5	5	4	5	5	2
2	5	5	5	3	2	2	2	2	2	****	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
3	3	2	3	3	3	3	3	3	3	****	3	3	3	2	2	3	3	3	3	3	3	4	4	4	3
4	5	4	3	3	2	5	5	4	4	****	1	0	1	1	2	3	2	3	4	4	4	1	2	3	3
5	2	3	4	2	2	2	2	1	1	****	2	2	2	2	****	****	2	3	2	2	2	3	3	3	2
6	3	3	2	2	2	2	2	2	****	****	0	1	1	1	2	2	2	2	4	4	4	5	5	4	3
7	4	3	3	3	3	4	4	4	****	****	2	1	2	1	2	2	2	2	3	4	4	5	4	4	****
8	4	****	****	****	****	****	****	****	****	****	4	3	2	2	1	1	2	2	3	4	5	5	4	4	****
9	4	4	4	2	2	3	4	4	****	****	2	3	1	1	2	3	2	2	3	4	5	4	3	3	3
10	4	3	3	1	1	1	1	1	****	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	3	5	4	4	5	5	6	5	5	6	6	****
12	6	6	6	3	4	4	4	4	****	****	1	2	3	5	4	4	4	5	5	5	5	4	4	4	4
13	4	3	3	3	3	3	3	3	****	****	2	2	2	2	1	1	1	0	1	1	1	1	1	1	2
14	1	1	0	1	1	1	1	0	****	1	1	1	1	0	1	3	2	2	3	4	5	4	3	4	2
15	5	4	2	1	3	3	3	3	****	****	6	4	3	3	3	1	1	2	3	4	3	2	2	2	3
16	2	2	2	2	1	1	2	2	****	1	1	1	1	1	1	1	1	1	3	2	2	1	2	2	2
17	2	2	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	2
18	3	3	3	3	3	3	4	5	****	3	2	3	2	2	3	1	1	1	1	1	2	3	3	3	2
19	3	3	3	3	4	3	3	3	****	4	4	2	2	2	3	2	3	3	5	4	3	3	4	4	3
20	4	1	1	1	1	2	2	****	****	****	****	8	8	11	12	9	11	3	3	3	3	3	4	4	5
21	3	3	2	5	4	5	6	6	****	****	17	11	5	4	4	4	3	4	6	8	10	9	11	10	6
22	10	9	10	8	8	8	9	10	****	****	7	5	5	5	6	10	8	7	8	9	9	9	9	8	8
23	8	8	8	8	6	4	5	5	****	5	3	6	6	6	6	5	6	5	5	4	4	3	3	2	5
24	3	2	2	1	1	2	2	2	****	2	2	2	3	3	3	4	5	6	6	6	6	4	4	4	3
25	3	3	3	3	3	3	4	5	****	4	6	7	7	3	3	4	7	7	7	5	5	4	5	5	5
26	6	7	6	5	4	5	4	5	****	2	4	5	5	5	4	4	4	3	3	3	3	3	4	4	4
27	5	5	4	3	2	2	2	2	****	3	3	3	3	4	4	3	5	5	4	4	3	3	3	2	3
28	1	1	1	1	1	2	3	2	****	2	3	4	4	3	6	6	7	7	7	5	6	7	7	4	4
29	7	3	2	1	0	1	1	1	****	****	7	6	5	7	6	6	6	6	7	7	7	7	2	1	4
30	- DATA MISSING -												- DATA MISSING -												
31	****	****	****	****	1	1	1	****	****	****	****	****	1	1	1	1	0	2	1	1	1	1	1	1	****
MEAN	4	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	4	3	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	5	4	5	6	7	7	8	7	7	8	6	4	4	3	****
2	3	3	1	1	2	2	3	3	****	3	4	3	4	2	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	3	4	4	5	5	5	5	4	4	3	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	7	6	6	****	****	****	****	6	7	4	6	7	8	9	9	****
5	9	7	6	6	8	8	8	8	****	8	9	7	8	7	11	11	11	12	9	7	7	7	7	7	8
6	6	7	7	7	7	7	7	7	****	6	6	5	5	5	4	4	4	5	3	2	4	7	7	8	6
7	8	7	7	6	5	5	6	9	****	7	3	2	2	2	1	2	2	2	2	4	5	6	6	6	5
8	7	7	8	7	7	7	8	8	****	7	6	4	3	2	2	2	1	1	1	3	7	8	8	8	5
9	8	8	7	6	5	5	7	10	****	****	****	5	4	3	3	2	3	2	2	5	5	4	4	4	5
10	5	4	6	4	6	8	9	11	****	****	14	5	4	2	3	2	2	2	2	2	4	5	4	4	5
11	5	5	3	4	8	8	9	11	****	6	5	6	4	3	4	4	5	4	4	5	5	7	7	4	5
12	7	5	4	3	6	7	7	10	****	10	10	10	6	6	6	6	9	9	9	5	****	****	****	****	7
13	- DATA MISSING -												- DATA MISSING -												
14	- DATA MISSING -												- DATA MISSING -												
15	****	****	****	****	****	****	****	****	****	****	****	****	****	7	5	6	7	9	10	8	5	6	6	3	****
16	5	4	4	4	7	5	7	6	9	****	2	4	3	2	3	3	3	3	1	2	2	5	4	4	4
17	4	4	4	4	2	4	5	6	****	7	6	5	4	3	4	****	4	7	10	3	7	6	2	5	5
18	7	4	6	3	3	6	6	8	****	7	6	5	3	3	3	3	3	4	3	4	4	7	7	8	5
19	6	5	3	2	3	5	5	3	****	1	****	2	4	4	5	4	4	4	5	5	5	4	5	8	4
20	9	9	10	14	11	14	12	9	****	3	4	4	3	4	5	5	4	5	4	5	6	7	6	7	7
21	5	4	3	3	3	2	3	3	****	3	3	4	5	6	6	7	7	9	8	8	11	10	9	10	.6
22	11	11	10	9	9	9	11	11	****	10	10	10	7	7	8	8	6	4	4	4	9	10	5	7	8
23	8	9	9	8	8	10	17	22	****	8	5	0	0	0	****	****	****	****	****	****	****	2	2	****	****
24	****	****	****	1	2	3	2	2	****	6	****	2	5	7	7	14	12	14	10	10	11	10	10	7	7
25	4	2	1	2	1	3	4	6	****	4	3	4	4	7	8	4	5	3	6	7	6	7	8	8	5
26	4	4	4	4	4	4	6	7	****	6	6	6	9	9	6	7	8	8	7	8	7	6	8	6	6
27	7	7	5	4	5	4	5	6	****	4	4	3	3	3	5	4	4	3	4	5	12	14	12	16	6
28	18	18	18	16	9	8	9	12	****	7	5	5	4	4	4	3	3	2	2	4	3	3	3	4	7
29	6	4	3	2	4	4	4	4	****	2	1	1	1	1	2	3	4	4	4	4	7	7	5	4	4
30	7	4	4	4	4	5	5	4	****	****	3	2	2	1	2	2	3	7	6	5	6	6	4	4	4
MEAN	7	6	6	5	5	6	7	8	****	5	6	5	4	4	5	5	5	5	5	5	6	7	6	7	6

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	6	5	5	3	3	3	3	6	4	2	2	1	1	1	2	2	1	2	2	1	2	2	3
2	2	1	1	1	1	2	2	4	4	6	6	4	2	3	2	2	2	5	4	7	7	5	5	5	4
3	4	6	4	5	6	5	5	7	7	2	1	1	4	1	1	1	1	1	2	3	4	2	3	3	3
4	4	3	1	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	4	6	5	4	5	2
6	5	3	4	5	5	5	6	6	6	3	3	2	2	2	1	1	1	1	2	2	3	4	4	4	3
7	3	2	2	2	3	3	4	5	5	4	3	2	2	2	2	2	2	2	2	2	3	4	2	2	3
8	3	3	2	2	2	2	3	3	3	3	2	3	4	2	2	2	2	2	3	4	5	5	5	3	3
9	4	4	4	3	4	4	4	4	4	4	4	4	2	2	2	1	1	2	1	3	4	3	4	3	3
10	2	2	1	1	2	2	2	2	3	4	5	5	4	5	4	5	5	4	4	4	5	4	5	4	3
11	3	2	3	3	2	2	2	2	4	4	1	1	2	1	1	2	1	1	1	1	2	2	2	2	2
12	2	3	3	3	3	3	4	4	4	4	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2
13	1	1	1	1	1	1	1	1	2	3	3	3	4	3	2	1	3	2	1	2	2	2	2	2	2
14	3	4	1	3	2	3	3	5	4	4	2	2	1	1	1	2	1	5	5	4	2	2	5	4	3
15	3	4	6	5	5	6	5	5	4	4	4	4	2	2	2	2	1	2	4	5	1	1	3	3	3
16	1	1	0	1	0	0	1	1	1	2	2	2	2	1	2	2	2	2	1	2	3	4	3	4	2
17	3	3	3	3	3	3	4	4	4	3	2	1	2	2	2	2	3	3	2	2	2	2	2	2	3
18	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	5	5	5	2	2	2
21	3	4	4	4	5	6	6	6	6	6	6	6	2	2	2	2	2	2	2	1	1	2	2	3	3
22	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	2	1	1	1	1	2	2	2	2
23	3	3	3	3	2	2	2	2	2	2	3	3	4	6	8	5	8	9	6	4	4	3	3	4	4
24	3	4	4	3	4	5	6	7	8	12	13	12	9	6	5	4	1	1	1	2	6	6	5	6	6
25	5	4	4	4	4	3	3	5	4	4	5	4	5	4	5	4	1	1	1	1	3	2	3	3	3
26	3	3	3	3	2	1	1	3	4	4	3	2	2	2	6	3	3	3	2	2	3	5	6	5	5
27	6	4	4	4	5	4	4	4	4	8	6	8	8	2	2	2	1	3	5	6	6	7	5	5	5
28	6	5	6	6	5	5	6	4	4	20	14	10	12	9	4	4	4	5	5	11	11	10	9	8	8
29	7	8	7	8	8	8	8	8	7	4	4	4	4	4	5	7	2	6	1	1	2	2	2	2	5
30	3	1	1	0	1	4	4	4	4	4	4	6	5	4	4	6	9	9	9	8	8	8	7	5	5
31	10	10	9	9	5	6	3	3	6	6	6	4	6	6	6	3	4	3	2	2	4	6	7	7	6
MEAN	3	3	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	3	3	3	4	4	4	4	3

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	6	6	4	4	4	4	4	5	4	3	3	2	2	1	1	0	0	1	1	1	3	4	4	3	
2	3	3	2	2	1	1	1	2	1	0	0	0	0	1	1	0	1	1	1	2	3	3	8	5	2	
3	3	3	3	3	1	2	2	2	3	4	4	2	3	2	1	1	1	1	1	1	1	2	2	2	2	
4	1	1	1	1	1	1	2	4	3	4	4	4	4	4	4	0	1	0	4	4	4	4	4	4	4	
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
13	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
15	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
16	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
17	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
18	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
19	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
20	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
21	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
24	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
26	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
31	1	0	0	0	0	0	0	0	2	6	6	6	4	5	4	6	6	5	4	4	3	4	5	5	6	4
MEAN	7	6	6	5	4	5	5	7	6	5	3	3	4	4	3	3	3	3	3	3	4	6	7	7	7	

PERCENTAGE OF DATA VALID - 62

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	4	5	5	5	5	5	5	5	5	5	5	5	3	3	2	2	2	3	4	5	6	4
2	5	5	5	4	3	3	4	7	5	5	5	5	5	5	5	1	1	2	1	2	2	2	1	1	3
3	2	1	1	1	1	2	3	3	3	3	5	4	4	3	3	2	2	2	3	3	3	2	2	2	2
4	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	4	5	4	4	4	3
5	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	2	3	3
6	3	4	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	3	3	3	2
7	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	3
8	3	3	3	2	2	2	3	3	3	4	5	2	2	2	5	5	4	4	5	5	5	5	5	4	4
9	2	4	2	2	2	2	3	3	3	5	5	5	4	5	4	2	2	1	1	2	2	1	1	1	2
10	1	1	1	1	1	1	1	1	1	5	5	5	2	3	3	3	3	3	3	2	2	3	3	3	2
11	3	4	7	7	7	7	7	8	8	8	8	5	4	2	0	5	5	3	2	2	3	5	6	7	5
12	7	8	8	6	6	6	6	8	9	6	3	1	1	1	0	1	1	1	1	1	2	3	4	4	4
13	6	5	4	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3
14	2	1	2	2	2	2	1	2	2	3	4	3	4	4	4	4	3	3	2	2	2	2	2	2	3
15	2	2	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	2	4	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	3	4	5	5	4	2	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	4	4	5	6	7	7	7	7	5	4	3	3	2	2	2	2	2	2	1	1	2	2	1	1	2
20	1	1	1	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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PERCENTAGE OF DATA VALID - 72

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	3	3	3	4	7	11	5	5	2	4	5	4	2	3	4	5	8	7	7	8	8	6	5
2	6	4	3	4	6	6	6	7	5	5	11	12	8	4	4	4	5	6	8	9	12	10	8	9	7
3	10	9	6	9	6	6	4	4	4	4	5	2	2	2	3	2	2	2	2	2	3	5	6	7	4
4	7	8	9	10	4	17	15	8	5	5	2	2	3	2	1	1	2	3	4	5	6	7	10	6	6
5	14	9	6	4	3	3	7	6	6	6	6	6	6	7	7	4	4	4	8	8	5	6	5	7	6
6	6	3	3	2	2	3	6	7	8	8	8	8	9	8	8	5	4	2	3	10	6	4	5	6	6
7	2	2	1	1	3	5	5	8	6	10	8	8	9	8	5	3	2	2	2	2	2	1	1	5	4
8	7	5	4	3	0	1	3	7	6	3	5	4	5	4	3	2	3	3	4	5	6	6	6	4	4
9	6	4	1	1	1	1	2	4	5	4	4	4	4	3	2	2	2	1	1	0	0	0	0	2	2
10	0	3	8	5	7	6	3	6	5	4	5	4	4	4	4	4	4	4	5	6	9	11	12	8	5
11	7	8	7	6	5	5	5	5	6	5	3	3	3	3	3	2	3	2	2	2	2	3	6	8	4
12	5	4	3	5	5	8	8	7	8	6	6	6	4	3	4	3	5	6	13	9	8	7	6	5	6
13	6	4	2	2	2	4	4	6	7	5	5	3	3	3	4	7	10	9	9	6	3	2	2	2	5
14	2	2	2	1	2	3	4	5	6	4	7	10	10	10	11	11	7	6	4	4	4	3	3	2	5
15	2	2	3	3	3	3	4	7	6	1	0	0	5	4	4	5	6	7	6	7	6	5	5	6	4
16	6	6	5	6	6	16	8	10	5	9	7	5	3	5	1	1	7	8	8	10	24	35	24	16	10
17	14	10	9	11	11	11	11	11	11	11	11	6	5	4	4	4	3	4	9	10	11	9	12	12	9
18	8	8	8	7	12	9	7	7	5	4	8	6	5	3	3	2	2	4	6	9	10	8	11	9	7
19	6	7	6	6	6	12	16	16	5	7	7	12	15	20	17	12	8	8	8	8	5	5	4	9	9
20	3	2	2	3	3	6	7	9	10	11	9	6	6	6	10	8	8	6	6	6	6	4	4	6	6
21	5	3	2	2	3	5	6	8	7	7	10	11	11	11	12	6	9	11	12	11	9	6	8	8	8
22	8	8	12	11	7	6	9	12	5	5	16	16	14	10	13	12	12	12	24	32	34	30	39	54	18
23	55	55	30	17	11	14	11	9	5	5	16	15	15	10	16	19	21	23	22	19	15	14	12	14	20
24	12	8	7	7	8	10	14	12	10	7	5	4	8	7	6	6	6	6	5	5	5	7	6	5	7
25	5	4	5	6	5	5	4	5	5	4	4	4	4	6	4	3	4	5	4	6	4	3	4	3	4
26	4	4	3	3	5	5	6	6	5	5	5	5	5	10	10	8	8	9	8	8	7	5	6	5	6
27	5	4	5	4	5	10	10	8	5	5	5	6	7	10	9	9	8	7	5	5	4	6	7	7	7
28	7	6	6	6	5	5	5	7	7	6	5	4	4	5	5	7	6	7	7	7	6	7	6	5	6
29	5	5	4	3	3	2	4	5	6	6	6	5	5	5	5	7	8	7	7	5	4	6	8	8	5
30	6	5	6	5	6	8	9	7	11	13	11	11	14	11	6	5	5	9	12	13	14	10	5	3	9
31	3	3	3	3	3	2	3	2	3	3	4	3	6	6	5	5	5	6	9	6	7	6	5	5	4
MEAN	8	7	6	5	5	6	7	8	7	6	6	6	7	6	6	5	6	6	8	8	8	8	8	8	7

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	4	5	4	2	2	5	5	8	7	6	7	5	4	5	5	4	5	5	5	4	4	4	5
2	4	2	4	1	1	1	3	3	4	16	15	15	10	7	6	5	5	5	3	3	5	4	4	4	5
3	5	4	8	5	5	6	10	12	11	10	17	17	12	11	14	19	22	23	15	16	9	7	6	6	11
4	6	4	5	4	4	5	6	7	14	13	11	14	11	11	****	****	****	10	8	8	7	8	9	7	8
5	6	7	5	4	3	4	5	4	6	6	10	10	10	9	8	8	9	10	8	7	6	7	6	7	7
6	5	4	4	4	5	5	9	7	6	6	4	7	9	6	4	4	4	4	5	5	4	5	6	7	5
7	6	6	5	6	5	6	7	4	3	2	2	2	2	1	1	1	1	2	1	1	1	3	6	7	5
8	8	7	7	7	6	5	5	5	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	12	5	3	3	3	2	2	3	5	3	2	2	2	3	7	8	9	9	7	10	20	22	23	14	****
11	4	3	2	1	4	3	4	6	7	7	4	4	3	3	2	2	3	4	5	6	3	4	3	7	4
12	6	7	9	5	4	4	3	5	6	7	****	9	10	9	8	11	12	12	14	11	12	12	11	10	9
13	9	5	6	6	6	7	8	9	10	10	****	4	4	4	4	4	5	5	4	4	4	3	2	6	6
14	3	2	1	1	0	0	1	2	3	3	6	5	4	4	4	5	7	7	9	7	5	5	5	5	4
15	5	3	3	1	2	1	1	1	2	2	2	2	3	3	3	2	3	4	6	7	9	8	8	9	4
16	11	9	7	6	8	7	6	7	8	7	9	6	6	5	6	5	6	5	6	5	5	6	7	8	7
17	6	5	4	6	6	6	6	8	6	6	7	****	7	8	8	7	9	12	10	9	8	11	11	10	8
18	10	11	10	7	6	6	8	12	16	****	6	6	5	5	5	6	8	9	10	9	9	8	7	8	8
19	6	6	7	8	7	6	7	8	10	8	7	7	7	7	7	7	5	4	5	5	5	4	3	4	6
20	4	5	3	2	4	3	1	2	2	2	3	4	7	8	9	8	8	8	7	5	3	4	2	2	4
21	2	1	1	2	1	2	3	5	8	8	7	8	3	3	3	4	3	2	3	3	2	2	2	4	3
22	3	4	4	4	2	1	1	2	1	1	1	2	2	3	2	3	3	1	3	2	4	6	3	1	2
23	****	****	****	****	****	****	****	****	****	****	****	5	5	3	3	3	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	7	8	10	7	9	10	9	****
25	9	10	4	2	1	2	3	3	3	****	****	****	****	3	3	4	5	5	4	3	3	3	2	3	4
26	4	4	4	3	3	4	5	5	6	5	5	7	6	6	5	6	7	5	4	4	3	5	5	6	5
27	4	4	6	8	8	6	8	10	14	****	17	22	20	14	10	9	16	15	14	12	12	10	9	8	11
28	6	6	6	5	3	4	3	2	3	3	5	6	6	5	6	7	7	6	6	7	4	2	5	5	5
29	7	5	7	6	4	3	2	4	4	2	3	3	3	3	4	6	7	7	5	4	4	3	4	4	4
30	5	3	3	2	2	2	3	4	5	3	6	10	8	5	5	6	8	8	8	8	8	8	8	6	6
MEAN	6	5	5	4	4	4	5	5	6	6	7	7	6	6	5	6	7	7	7	7	6	7	6	6	6

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	7	7	7	8	7	6	6	6	****	4	3	3	3	4	3	4	4	4	3	5	4	6	3	5	
2	4	3	4	2	1	2	5	9	8	6	5	7	6	7	6	6	10	15	14	18	18	16	25	40	10	
3	28	18	16	14	9	6	6	7	7	****	11	14	15	14	8	****	****	7	7	7	8	19	18	6	12	
4	6	5	5	6	7	4	6	6	6	****	****	5	4	5	5	6	8	8	8	8	8	7	7	6		
5	6	5	3	2	1	2	1	2	3	****	5	4	8	7	6	6	3	8	7	1	1	1	1	1	3	
6	2	1	1	1	1	1	1	1	1	1	1	2	3	4	3	2	2	2	2	1	1	1	1	1	3	
7	1	1	1	1	1	1	4	3	8	****	17	18	18	25	18	11	10	10	10	10	7	8	1	1	2	
8	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
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11	****	****	****	****	****	****	****	****	****	****	****	12	9	9	10	11	11	11	7	7	8	7	7	8	****	
12	7	7	5	6	4	5	4	4	5	8	8	9	9	10	10	10	11	9	8	9	10	9	8	16	8	
13	15	11	9	8	7	8	8	8	8	6	7	8	7	8	6	8	9	9	8	9	7	9	9	8	8	
14	8	7	12	10	9	10	10	9	10	11	****	****	9	12	8	9	7	5	6	5	5	6	6	5	8	
15	6	5	5	5	7	8	10	14	11	15	16	9	6	5	****	****	****	****	****	****	****	****	****	****	****	
16	****	****	****	****	****	****	****	****	****	****	****	6	6	6	7	7	9	7	7	8	10	7	11	11	****	
17	12	14	19	15	9	9	10	11	13	10	12	13	14	11	8	7	****	****	****	14	10	14	10	10	12	
18	11	10	9	12	12	12	10	12	12	8	****	****	5	7	6	9	11	9	4	4	5	5	4	3	8	
19	4	5	6	4	4	9	5	11	7	7	5	5	6	4	5	6	5	4	4	4	4	0	4	0	5	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	5	4	2	1	1	0	2	4	5	3	6	8	8	11	10	11	10	10	9	10	9	10	9	8	7	
22	7	6	6	6	6	6	6	9	10	8	****	7	8	17	20	18	18	15	11	15	15	19	17	16	12	
23	14	10	10	10	11	10	10	10	12	15	****	12	****	****	****	8	17	12	10	5	5	5	7	5	10	
24	5	5	4	4	5	3	3	6	5	4	3	12	10	11	10	12	8	10	9	11	9	9	9	11	7	
25	11	9	9	7	8	7	6	6	6	****	3	4	7	8	9	9	10	8	7	6	6	6	6	6	7	
26	7	6	5	4	4	5	7	8	8	****	11	11	10	8	6	6	6	5	4	4	4	5	6	10	7	
27	9	9	5	5	4	4	5	7	7	****	6	5	7	9	9	9	9	9	10	9	9	9	10	11	8	
28	11	10	9	9	8	8	10	11	17	****	15	12	12	10	7	6	7	9	10	12	15	16	22	23	12	
29	23	23	20	14	9	7	6	8	9	****	****	13	13	14	11	10	10	10	10	10	7	7	8	9	10	11
30	10	11	11	12	9	6	7	12	18	****	22	14	12	****	****	****	****	****	****	****	****	****	****	****	****	****
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	9	8	7	7	6	6	6	7	8	7	8	8	8	9	8	8	8	8	7	8	7	8	9	9	8	

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	5	8
FEB	28	3	5	7
MAR	15	2	7	10
APR	11	2	4	7
MAY	30	3	8	17
JUN	28	6	8	22
JUL	31	3	8	20
AUG	26	5	8	25
SEP	27	4	9	22
OCT	31	7	20	55
NOV	30	6	11	23
DEC	28	8	12	40
YEAR	316	4	20	55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	157	380	133	9	0	0	0	679
FEB	89	398	108	5	0	0	0	600
MAR	136	94	55	24	0	0	0	309
APR	57	122	38	1	0	0	0	218
MAY	129	264	189	47	5	1	0	635
JUN	18	114	235	167	18	12	1	565
JUL	158	287	202	40	7	2	0	696
AUG	104	106	124	90	22	14	4	464
SEP	66	229	171	41	5	7	1	520
OCT	27	128	295	178	50	26	15	719
NOV	32	136	266	169	24	22	5	654
DEC	57	36	149	220	57	50	9	578
YEAR	1030	2294	1965	991	188	134	35	6637

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
75	0	0.6	1.8	3.0	4.7	8.4	10.3	13.8	16.7	55	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	1	1	2	3	****	3	2	2	2	3	3	2	2	3	3	3	4	4	4	4	3
2	3	2	2	2	3	2	2	3	****	4	6	7	8	7	9	6	6	6	5	5	5	6	7	7	5
3	4	6	8	7	6	6	6	5	****	5	4	4	4	4	5	5	5	4	3	4	5	6	6	3	4
4	6	5	5	4	5	4	4	3	****	3	3	3	4	5	6	6	5	5	6	4	5	4	3	3	4
5	5	3	4	3	2	3	3	5	****	5	6	3	****	****	****	****	****	****	****	****	4	5	4	2	3
6	3	3	2	3	3	3	3	3	****	3	3	3	3	****	3	3	2	3	2	2	2	2	2	2	3
7	2	2	2	2	2	1	1	1	1	3	4	7	3	****	****	****	5	5	5	5	4	3	2	2	3
8	2	2	2	2	1	2	2	2	****	3	3	3	2	2	2	2	3	3	4	4	4	4	4	3	3
9	2	2	2	2	2	3	3	2	****	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4
10	4	4	3	3	2	2	3	4	****	4	3	4	4	4	4	4	4	4	4	4	3	4	3	5	4
11	5	5	5	4	4	4	4	4	****	4	4	5	4	3	3	3	4	4	4	3	4	5	5	5	4
12	5	4	4	4	5	5	5	5	****	5	5	****	3	3	4	4	4	4	4	5	5	5	4	4	4
13	4	3	3	3	3	3	3	3	****	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4
14	4	3	3	2	2	2	3	3	****	4	4	3	3	3	3	4	4	4	4	4	****	****	****	****	3
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	5	5	5	5	6	7	7	9	****	11	11	11	9	12	10	9	9	7	5	4	4	4	3	4	7
17	3	3	2	2	2	2	2	2	****	3	3	3	3	3	4	4	4	4	2	2	2	2	2	2	3
18	2	1	1	1	2	3	3	1	0	1	2	2	2	2	2	2	2	3	3	3	4	4	4	4	2
19	4	4	4	5	5	5	5	5	****	6	4	2	2	2	2	2	3	3	3	3	3	3	3	3	4
20	2	2	2	2	1	1	1	2	****	5	4	4	6	4	6	5	5	5	3	3	3	3	3	3	3
21	2	2	2	2	1	1	2	2	****	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	3
22	4	4	4	4	3	3	3	4	****	5	8	14	13	9	7	7	7	6	5	4	4	5	6	6	6
23	6	6	6	5	4	4	4	4	****	4	4	4	4	4	3	3	****	3	2	3	3	3	3	3	4
24	3	3	3	3	3	3	4	5	****	5	5	4	4	3	4	4	3	4	4	4	4	5	4	4	4
25	4	4	4	3	3	3	3	3	****	3	3	3	3	3	4	4	4	3	3	4	4	4	4	4	3
26	3	3	4	2	2	2	2	2	****	****	****	3	3	4	4	4	5	5	5	5	4	4	4	4	4
27	3	3	4	3	4	4	3	2	****	4	4	5	5	5	5	5	5	6	5	4	4	4	5	4	4
28	4	4	3	2	2	2	2	3	****	2	2	3	3	4	3	5	5	5	6	5	5	6	4	3	4
29	2	2	3	3	3	3	3	3	****	3	3	3	3	3	3	3	2	3	2	2	2	2	1	2	3
30	1	1	2	2	1	1	1	2	****	3	4	4	4	4	5	4	4	6	7	8	10	8	5	5	4
31	4	5	5	8	7	6	7	8	****	8	8	10	10	8	7	8	8	8	9	10	10	7	5	4	7
MEAN	3	3	3	3	3	3	3	3	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	4	3	3	4	4	4	****	5	5	4	7	11	11	12	11	10	8	12	8	5	5	8	7
2	6	5	5	5	6	3	5	6	****	8	8	8	7	7	6	3	3	3	2	1	2	2	1	1	4
3	1	1	2	2	1	1	1	1	****	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
5													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
6													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
7													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
8													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
9													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
10													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
11													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
12													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
13													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
16													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -										
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	5	6	7	7	6	5	****
18	5	5	5	4	5	4	4	5	****	6	8	8	9	8	6	6	5	6	3	3	2	1	1	1	5
19	1	1	1	1	2	2	1	1	****	2	2	2	2	3	3	3	4	4	4	4	4	5	4	4	3
20	2	1	1	1	1	1	1	2	****	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	2
21	3	3	3	3	3	3	3	4	****	4	3	3	3	3	3	3	3	3	3	4	4	5	5	5	3
22	5	4	4	4	3	4	3	3	****	2	2	2	2	2	2	2	2	2	2	2	1	1	2	3	3
23	1	2	2	2	4	1	1	2	****	3	2	3	3	3	3	3	4	6	6	5	5	6	5	4	3
24	3	3	2	2	4	4	4	5	****	4	4	3	3	3	4	3	4	5	4	4	4	4	3	3	4
25	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2
26	2	3	3	2	2	2	3	3	1	3	3	3	3	3	4	4	4	5	5	4	4	4	4	4	3
27	3	4	3	3	3	4	1	1	0	4	3	3	4	4	4	4	4	4	4	4	5	4	4	4	3
28	3	3	3	3	3	3	2	3	1	3	3	3	4	4	4	4	4	4	4	4	5	4	4	5	3
MEAN	3	3	3	3	3	3	3	3	1	4	3	4	4	4	4	4	4	5	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
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15																									
16																									
17																									
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23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN																									

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	10	8	6	4	3	3	5	***	3	3	2	2	3	3	3	4	4	3	3	4	3	2	2	4
2	2	2	2	2	3	2	3	4	***	4	3	3	3	2	2	3	2	2	1	3	4	3	2	3	3
3	2	2	2	2	2	2	3	4	***	4	5	3	3	2	2	3	5	2	***	***	3	4	3	3	3
4	3	3	3	3	2	3	3	2	***	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	4
5	3	4	4	3	2	2	2	2	***	2	1	2	2	2	2	4	3	2	3	4	5	5	4	4	3
6	2	3	3	3	3	2	3	4	***	4	4	3	4	4	7	7	5	4	3	2	2	2	2	2	2
7	2	2	2	2	1	2	2	3	***	3	3	3	3	3	4	5	7	9	8	7	6	6	7	4	4
8	8	7	7	7	7	7	9	***	12	12	10	9	9	8	***	***	***	***	8	8	7	5	2	2	8
9	2	1	2	2	2	1	2	***	2	2	2	2	2	2	2	3	3	2	4	4	5	5	5	4	3
10	2	2	2	2	1	1	1	1	***	2	2	2	2	3	3	3	3	4	3	4	4	4	4	4	3
11	3	3	4	2	2	2	3	3	***	2	2	2	2	3	2	2	2	2	2	3	3	4	3	4	3
12	4	4	3	3	3	2	2	***	1	1	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2
13	3	3	3	2	3	2	2	3	***	1	1	2	2	2	2	3	2	2	3	3	3	3	3	4	3
14	4	4	4	3	2	2	2	3	***	3	2	3	4	4	4	4	7	6	5	8	7	5	4	4	4
15	4	3	4	3	3	3	3	3	3	3	***	1	0	0	0	0	0	0	0	5	8	7	5	4	4
16	1	1	1	1	1	1	1	1	***	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
17	7	8	8	7	7	7	9	11	***	7	5	4	3	2	2	2	2	2	3	3	4	5	6	6	2
18	4	4	4	3	2	1	1	1	2	***	1	2	2	2	2	3	3	2	2	2	3	4	3	3	5
19	2	2	2	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	0	1	4	***	3	***	4	4	3	4	4	4	5	5	5	8	7	7	6	4
21	5	4	2	1	1	1	1	2	2	1	2	2	2	2	2	3	2	3	3	3	3	3	3	3	2
22	3	4	3	3	4	4	4	3	4	1	2	2	1	2	3	4	6	6	5	2	2	2	1	1	3
23	1	1	1	1	3	3	2	2	1	1	2	2	2	2	2	2	2	3	2	4	3	4	5	5	2
24	6	6	6	5	4	2	2	3	***	3	***	2	3	4	5	4	3	4	5	6	7	7	5	5	4
25	5	4	5	4	4	5	5	4	***	6	***	3	4	4	1	1	2	2	2	5	8	9	9	7	4
26	7	6	5	5	5	5	5	6	6	***	7	5	4	3	5	4	3	3	3	4	3	5	6	6	5
27	3	5	2	6	4	3	6	9	***	***	10	7	6	5	5	4	3	2	2	2	3	3	3	2	4
28	2	2	2	1	2	3	4	6	6	3	7	5	2	2	2	4	4	5	4	2	2	3	3	2	4
29	6	6	3	3	3	3	4	4	2	1	2	4	3	5	5	3	4	3	5	1	8	6	9	9	4
30	1	0	0	0	1	1	1	1	2	***	3	3	3	3	2	3	4	3	5	5	4	3	4	4	2
MEAN	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	3	3	3	3	2	3	3	3	4	4	5	5	4	2	2	2	3	2	3	3
2	2	2	2	2	2	2	1	2	2	2	1	2	3	3	3	3	3	3	3	3	3	4	4	3	3
3	3	3	3	2	2	2	2	2	2	1	1	2	3	3	3	4	2	5	6	6	6	5	6	5	3
4	6	5	6	6	5	5	5	5	4	5	5	6	5	3	4	4	3	3	2	2	2	3	3	3	4
5	3	3	3	3	4	4	4	5	3	5	5	5	3	3	2	3	3	2	2	2	3	3	2	2	3
6	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	3	5	5	5	2
7	5	4	4	4	4	4	4	4	4	6	6	7	6	6	5	5	4	4	5	6	2	2	4	2	5
8	4	4	5	4	2	3	3	4	4	3	4	2	2	3	2	2	3	3	3	5	8	7	7	7	4
9	8	6	5	3	2	5	6	8	4	4	4	4	5	5	5	6	5	5	6	6	7	8	8	6	6
10	5	7	5	5	5	6	5	5	3	6	5	5	5	5	5	6	6	6	7	4	5	7	6	4	5
11	3	3	4	5	7	4	3	4	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
12	2	2	2	2	2	2	3	3	2	3	2	3	3	4	3	3	3	2	2	5	4	4	4	1	2
13	4	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	1	2	2	2	3	2	3
14	1	2	2	2	2	2	3	4	4	3	4	7	5	6	6	4	5	5	3	4	4	4	4	6	4
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	4	4	4	4	3
16	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	4	4	4	4	3
17	5	6	4	3	3	3	2	1	1	2	2	2	1	1	1	2	1	1	2	3	3	3	3	3	4
18	5	5	5	5	5	4	4	3	4	3	4	4	3	4	5	4	4	5	4	3	5	6	6	6	4
19	6	5	5	5	4	5	5	4	4	3	2	2	2	3	3	3	4	4	3	3	4	3	3	3	4
20	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	3	4	4	4	2
21	2	2	3	2	2	2	2	3	4	7	8	7	4	4	4	5	5	5	5	9	11	8	7	7	5
22	5	5	6	6	5	4	3	2	3	3	3	3	3	3	3	4	4	3	3	3	4	2	3	2	4
23	2	1	1	1	0	1	1	1	1	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	2
24	3	2	1	1	0	0	1	1	1	2	2	2	2	2	2	3	2	2	2	2	3	3	2	1	3
25	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	1	2	2	1	2	2
26	1	1	2	3	3	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	1	2	2	1	1	1	1	1	2	3	5	5	6	5	5	3	3	2	2	2	2	2	2	3
31	3	4	5	5	5	5	5	4	4	5	5	4	4	6	5	6	5	6	7	7	7	7	5	5	5
MEAN	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	4	5	4	4	4	3	5	5	5	5	5	5	4	3	2	3	3	3	3	4
2	2	1	1	2	1	1	2	3	3	3	4	5	5	6	6	4	3	2	1	1	1	1	1	1	2
3	1	0	0	0	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	1	1	1	1	1	3	3	3	3	3	1	1	0	0	0	1	2	1	0	0	3	4	6	5	2
5	4	5	4	4	4	5	8	6	6	6	2	0	0	0	2	3	2	2	2	2	3	2	2	2	3
6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1
7	3	3	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2
8	1	2	2	2	1	2	2	2	3	3	4	3	3	3	2	2	2	2	2	2	2	5	6	5	3
9	3	3	3	4	3	5	8	4	4	3	3	2	2	1	1	1	2	2	2	2	2	3	7	9	3
10	4	3	4	5	2	5	6	2	5	4	3	2	2	2	2	1	2	3	2	2	3	3	3	3	3
11	7	8	9	8	6	6	5	4	4	4	3	2	1	1	1	1	1	2	1	2	3	2	2	2	4
12	2	4	1	0	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	3	2	2	1	1	1	2	2	2	2	2	1	1	2	2	1	1	2	2	3	3	1	0	4	2
15	2	2	2	2	3	3	5	4	4	4	2	3	4	3	3	3	1	4	4	4	4	3	3	3	3
16	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	3	3	2	1	1	3	2
17	3	2	2	3	3	3	3	2	4	3	2	2	3	2	2	2	3	2	2	3	3	4	4	3	3
18	3	3	3	3	2	1	3	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2
19	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	2	3	2	1	2
20	2	2	2	2	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
21	2	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	5	2
22	4	4	4	4	4	4	4	2	3	4	2	1	1	1	1	1	1	2	2	2	3	3	4	3	3
23	3	3	2	1	2	3	2	3	4	3	2	2	3	2	2	3	4	4	3	4	5	5	5	4	3
24	3	4	3	4	5	5	6	6	6	5	5	4	4	4	4	5	6	5	3	2	2	1	1	4	4
25	1	1	1	1	0	0	1	4	1	1	2	1	1	2	2	2	2	1	1	1	2	2	2	2	2
26	2	2	2	1	2	1	2	2	2	2	2	2	3	2	2	2	3	3	3	3	2	2	2	2	2
27	2	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	1	2	1	2	5	5	6	2
28	5	4	4	5	5	5	4	3	4	3	1	2	2	2	2	2	2	3	3	2	2	2	2	2	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	5	6	5	5	5	4	****	5	7	8	7	7	8	5	4	4	3	3	4	5	5	5	5
2	4	4	3	3	2	3	3	3	3	3	2	3	2	3	2	3	2	2	2	3	2	2	2	1	3
3	1	3	3	3	3	4	3	3	2	3	2	3	2	1	2	1	2	2	3	2	2	2	1	2	2
4	1	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5																									
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	4	7	8	7	8	6	7	****	6	7	4	3	1	1	2	2	2	1	2	2	4	6	7	7	****
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	4	3	3	3	4	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	2	2	2	2	3	4	4	3	5	6	7	7	7	6	5	5	6	6	6	8	7	7	7	7	5
11	6	4	4	4	4	5	4	3	4	5	4	4	5	5	4	4	5	5	6	6	7	7	8	8	5
12	7	7	7	7	6	7	7	****	5	5	5	5	5	5	6	6	5	6	7	7	7	7	7	6	6
13	5	5	5	5	5	5	5	4	0	2	2	2	2	2	2	2	2	2	3	4	4	2	4	3	3
14	2	3	6	6	5	4	4	3	3	5	6	8	5	3	2	2	4	5	5	5	5	5	5	5	4
15	5	5	5	3	2	2	3	****	3	1	1	2	1	1	2	1	1	1	2	2	2	2	2	3	2
16	3	2	2	2	2	2	2	3	1	1	2	2	2	1	2	2	1	2	3	4	4	5	5	5	3
17	4	4	4	3	3	3	4	2	2	3	3	3	3	3	4	4	4	4	6	9	6	4	4	4	4
18	5	4	3	4	4	4	4	3	2	2	2	2	3	3	2	2	2	3	3	3	3	3	3	4	3
19	3	3	3	3	3	3	3	2	3	2	3	3	3	4	5	5	5	5	5	6	6	6	5	5	4
20	3	4	4	2	2	2	3	2	2	2	3	3	3	3	3	****	****	****	****	****	****	****	****	****	****
21																									
22	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1
25	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
26	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	0	0	0	1	1
29	2	1	1	1	1	1	1	****	2	3	1	2	5	4	4	2	1	1	1	1	2	3	2	2	1
30	0	0	0	1	0	1	2	1	2	2	3	2	2	3	4	3	3	2	3	3	3	3	4	3	2
31	2	2	1	2	3	3	4	7	7	4	5	****	4	2	0	0	1	1	1	4	6	2	4	2	3
MEAN	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	0	1	1	0	
2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	3	1		
3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	5		
5	1	1	1	1	1	1	4	3	4	2	1	1	1	1	1	1	1	0	0	1	3	4	4	3		
6	4	5	6	6	6	4	3	2	3	1	0	0	1	1	1	2	1	0	1	3	4	4	4	3		
7	4	6	5	4	4	4	6	9	5	4	4	3	3	2	2	2	3	2	1	2	6	5	5	4		
8	5	5	4	4	4	5	4	4	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2		
9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
10	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0		
11	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1		
12	1	2	0	0	1	1	2	2	3	2	2	1	1	1	0	1	1	0	0	2	4	9	9	2		
13	10	9	6	3	3	6	9	***	8	5	3	0	1	1	1	2	1	1	1	1	2	3	3	4	2	
14	2	2	1	0	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	2	4	5	2	3		
15	3	4	1	4	2	4	6	5	6	3	3	3	2	1	1	1	2	4	2	3	2	0	1	3		
16	2	2	3	3	3	2	0	0	0	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	3	2	2	1	1	1	1	1	0	0	0	0	1	1	2	1	
18	2	2	1	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
19	0	0	0	0	2	1	2	2	3	3	4	4	3	2	0	0	0	0	2	4	4	3	2	2		
20	2	2	2	2	2	2	2	0	0	0	0	1	1	1	0	0	0	0	0	0	2	2	1	0		
21	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	2	4	3	3	1		
22	2	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	2		
23	3	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0		
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	4	4	5	1		
25	3	2	3	2	5	5	6	4	4	3	4	2	2	2	1	2	6	4	3	2	2	2	4	5		
26	4	0	2	2	2	2	2	5	1	1	1	1	0	0	0	0	0	0	1	0	2	0	0	1		
27	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	1	2	3		
28	3	3	1	0	0	0	0	0	0	1	1	1	19	3	2	1	1	1	1	1	2	3	3	2		
29	0	0	0	0	0	0	0	0	1	5	5	2	1	1	5	6	3	2	1	1	1	0	0	1		
30	0	0	0	0	0	1	1	1	3	2	2	1	1	5	12	10	2	0	0	0	0	0	0	0		
31	0	0	0	0	0	0	0	0	0	0	6	5	5	2	1	2	1	2	0	1	2	2	2	1		
MEAN	2	2	1	1	1	1	2	1	2	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2		

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	2	1	1	4	2	1	1	1	1	2	2	2	2	1	1
2	1	1	2	1	1	1	1	3	2	1	1	6	0	2	4	4	4	4	4	4	1	1	1	1	1
3	1	1	1	1	1	1	1	3	2	5	8	7	4	3	4	4	4	5	4	4	4	4	4	3	3
4	3	3	2	1	1	1	1	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
5	3	3	2	2	1	1	2	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
6	3	3	2	3	2	2	2	1	1	2	3	4	3	3	4	7	5	1	1	2	2	1	1	1	2
7	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
8	1	1	1	1	1	2	3	3	5	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	4	2	1
12	2	2	1	1	1	1	2	1	2	2	1	1	0	0	0	3	2	1	1	0	1	1	2	1	1
13	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	1
16	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
17	1	1	0	0	0	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	3	3	2	2	1
18	2	2	4	4	2	1	1	0	0	1	1	1	1	1	1	2	1	2	2	2	2	1	0	0	2
19	1	1	1	1	1	1	1	1	3	4	4	3	3	4	3	3	4	3	2	2	1	1	0	0	2
20	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	3	3	2	1	2	1
21	3	3	3	3	2	2	2	2	6	5	5	5	4	3	2	3	3	4	5	4	5	4	4	2	4
22	3	1	1	1	2	2	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	2
23	1	1	0	1	0	0	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	1
24	1	1	1	0	0	1	1	1	2	3	3	3	5	4	5	5	4	4	4	3	2	1	1	1	2
25	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	6	5	4	5	7	7	8	7	3	4
26	1	1	0	0	1	2	2	1	1	1	2	4	3	3	1	1	1	1	1	1	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	0
28	1	1	0	0	0	0	0	0	0	1	1	1	1	2	1	2	2	1	2	2	2	2	2	2	1
29	2	2	2	2	2	2	2	2	2	3	2	2	2	4	5	5	5	4	4	5	5	5	5	4	3
30	5	4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	1	1	2	2	2	0	0	1	1	2	3	3	3	2	2	2	1	0	1	0	1
2	0	0	1	1	1	1	1	1	1	4	3	3	2	1	1	1	1	2	1	2	1	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
4	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	12	12	12	9	7	8	7	5	6	6	8	7	8	10	11	18	14	3	2	2	1	2	2	2	7
6	1	3	3	3	3	2	3	3	3	3	3	3	5	10	7	9	9	4	2	3	2	2	2	3	4
7	3	2	1	2	2	3	4	3	4	9	6	5	4	3	3	2	3	9	3	3	2	2	2	2	3
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	2	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
11	3	3	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2
12	2	2	2	3	3	3	3	3	3	4	3	3	4	4	5	5	4	4	4	3	3	3	3	2	3
13	2	2	1	2	2	2	2	2	2	2	3	3	2	3	3	4	4	3	3	3	2	2	3	3	2
14	2	1	1	2	2	2	3	3	2	3	3	3	2	3	3	2	2	2	2	1	1	1	1	1	2
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	3	3	3	2	3	3	2	3	1	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	2	1	2	1	1	2	2	2	3	3	3	4	4	4	4	4	2	2	2	2	1	2	1	2
21	1	0	0	0	0	1	2	3	3	3	3	3	3	4	4	6	4	3	2	2	2	2	2	1	2
22	1	1	1	1	1	1	1	2	3	4	3	1	2	2	2	3	4	3	4	3	3	3	3	2	2
23	2	2	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	4	4	3	3	2	2	1	2
24	2	2	1	0	0	0	0	0	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	1
25	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	1	0	0	0	0	0	1	1	2	2	2	3	3	3	3	2	3	3	3	2	2	2	2	2
31	2	2	2	2	1	1	2	2	2	2	3	3	2	4	5	5	5	5	4	2	2	2	2	2	3
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 83

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2
2	2	2	2	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	1	1	1	1	0	0	2
3	0	0	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	1
5	2	2	2	2	2	2	2	2	3	5	6	7	3	3	3	2	2	2	3	3	3	3	3	3	2
6	3	2	2	2	2	2	2	2	3	5	6	7	3	3	3	2	2	2	3	3	3	3	3	3	2
7	2	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	3
8	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1
9	2	1	0	0	0	0	0	0	1	1	1	1	3	3	3	3	4	4	3	3	2	2	2	2	2
10	2	2	1	0	0	1	1	2	4	6	9	10	11	11	10	6	6	7	7	6	9	7	5	5	5
11	4	4	4	4	3	3	3	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	3	2	2	1	1	***
13	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	1	1	2
14	1	1	1	1	0	0	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	1	1	1	1
15	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	2	3	4	4	3	3	2
16	3	3	3	3	2	2	3	4	***	***	***	4	3	3	3	3	3	3	3	3	4	4	4	4	3
17	4	4	3	4	3	3	3	3	3	3	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4
18	4	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	6	6	5	5	5	5	4	4	4
19	5	4	4	5	5	5	5	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	5	4	4	5	5	5	5	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	2	2	2	2	1	1	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
25	3	3	2	2	2	3	3	3	3	3	4	4	4	3	3	3	3	4	4	3	2	2	2	2	2
26	2	2	3	3	3	3	3	3	3	3	4	5	6	5	4	5	5	4	4	4	4	4	4	3	3
27	3	3	3	3	3	2	2	3	3	4	***	2	4	3	2	1	1	1	2	2	***	***	***	***	2
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	3	2	2	3	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	2	2	2	3	3	3	3	3	4	5	5	5	5	5	5	3	1	1	3
2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	4	4	4	4	2
3	4	4	4	4	5	4	4	4	4	4	3	4	3	3	3	4	4	5	5	4	4	5	3	3	4
4	2	2	1	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
5	4	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	3	3	3	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
7	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
8	2	2	2	3	3	3	3	3	3	4	5	6	6	5	5	5	5	5	4	5	5	4	4	4	2
9	4	4	4	4	5	4	5	4	4	4	4	4	4	4	3	4	3	3	3	3	2	3	2	2	4
10	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
11	1	1	1	1	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	2	2	2	2	3	2
12	2	2	2	1	1	2	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	2	2	2
13	2	2	2	2	3	2	2	3	3	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	2
14	2	1	1	2	2	2	2	3	2	1	3	5	6	6	6	4	4	3	3	2	2	2	2	2	3
15	2	2	2	2	1	2	2	3	2	4	6	7	6	4	5	4	4	5	6	4	4	4	4	3	4
16	2	2	2	2	3	2	2	2	2	1	2	2	2	2	3	3	4	4	4	4	4	3	2	2	3
17	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	4	4	4	4	4	3	2	2	4
18	3	3	4	5	5	5	5	4	4	4	4	2	1	2	2	2	2	2	3	3	3	3	3	3	3
19	1	2	2	2	4	4	3	3	3	3	2	2	2	2	3	3	3	3	2	1	1	1	1	1	3
20	1	2	2	2	4	4	3	3	3	3	2	2	2	2	3	3	3	2	2	***	***	***	***	***	3
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
24	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	3	3	2	2	2	2	2	2
25	2	2	2	3	3	3	2	3	2	2	2	1	2	3	3	2	2	2	2	2	2	2	1	1	2
26	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	5	5	4	3	2	2	2	2	2	2
27	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	2	2	2	3	4	4	4	4	4	5	6	6	5	5	5	4	4	3
29	4	4	3	3	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
30	3	3	4	3	3	3	4	4	4	5	5	5	5	4	4	4	4	4	5	6	7	6	5	4	4
31	5	5	5	4	4	4	3	3	4	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	7	14
FEB	15	3	7	12
MAR	24	4	7	10
APR	30	3	8	12
MAY	31	3	6	11
JUN	30	2	4	9
JUL	29	3	6	9
AUG	31	1	4	19
SEP	30	2	4	8
OCT	30	2	7	18
NOV	25	2	5	11
DEC	29	3	4	7
YEAR	335	3	8	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	24	287	313	44	5	1	0	674
FEB	45	138	109	17	5	0	0	314
MAR	88	167	185	51	0	0	0	491
APR	108	338	185	53	3	0	0	687
MAY	75	381	224	27	1	0	0	708
JUN	205	331	109	8	0	0	0	653
JUL	191	213	155	39	0	0	0	598
AUG	475	156	81	8	1	1	0	722
SEP	394	213	68	7	0	0	0	682
OCT	195	338	59	21	5	2	0	620
NOV	161	251	96	8	2	0	0	518
DEC	111	393	162	2	0	0	0	668
YEAR	2072	3206	1746	285	22	4	0	7335

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83	0	0.4	1.1	1.9	2.9	4.7	5.8	7.2	8.4	19	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH APR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	2	2	3	6	4	3	3	4	6	6	5	3	2	2	2	2	2	3	3	3	3	3	3	3	3
30	5	6	5	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	4	4	4	5	4	4	4	4	5	5	5	3	3	2	3	3	2	3	3	3	3	3	3	4	3

PERCENTAGE OF DATA VALID - 8

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	4	4	4	4	3	3	****	0	1	1	1	1	1	0	0	1	1	1	1	1	1	2
2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1
4	2	2	3	3	3	3	3	3	3	4	5	4	5	6	5	3	2	1	1	1	1	1	1	1	3
5	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	2	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	****	****	1	2	4	3	2	2	2	2	2	3	4	4	4	4	4	2
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	4	4	4	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15																									
16																									
17																									
18																									
19																									
20																									
21	****	****	****	****	****	****	****	****	****	****	****	****	1	****	****	****	****	****	****	****	****	****	****	****	****
22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
28	0	1	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
29	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	5	2
30	4	2	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	4	5	****	****	****	****	3
31																									
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - SIMCOE HORTICULTURAL STATION													NO 16001												
													MONTH JUN 70												
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	3	3	5	6	6	6	6	****
5	5	5	4	3	4	5	4	4	4	4	3	4	4	3	4	4	4	3	3	4	4	3	3	3	4
6	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4
7	5	5	5	6	5	5	5	5	5	5	5	7	7	7	7	6	6	6	6	6	8	9	9	8	6
8	8	6	6	5	6	8	7	6	7	6	6	6	6	6	6	6	7	7	7	7	7	9	7	7	7
9	7	7	6	6	6	7	7	7	8	8	7	7	7	8	8	8	8	8	8	8	10	****	****	****	7
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	6	5	5	5	5	6	5	5	6	5	5	6	6	5	5	5	5	5	5	6	7	6	6	6	5
PERCENTAGE OF DATA VALID - 17																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - SIMCOE HORTICULTURAL STATION													NO 16001												
													MONTH AUG 70												
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	****	****	****	****	****	****	****	****	****	****	****	****	****	0	****	****	0	0	0	1	1	1	1	1	****
6	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	2
7	2	2	2	2	2	3	3	4	4	3	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	0	1	1	1	1	3	2	2	****
13	3	3	2	2	2	2	2	2	1	1	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1
14	3	2	2	2	2	2	3	3	4	3	4	4	5	****	****	****	****	****	****	****	****	****	****	****	****
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	2	2	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2
PERCENTAGE OF DATA VALID - 12																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	3	3	4	5	5	****
2	5	6	6	6	6	6	7	9	10	8	8	8	9	9	11	9	12	11	12	12	12	13	13	13	9
3	12	13	14	16	17	17	15	18	17	17	16	****	****	0	0	2	2	3	4	4	4	4	4	4	9
4	4	4	5	5	4	5	5	****	****	6	****	****	5	5	5	5	****	****	****	****	****	****	****	****	****
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	1	1	1	1	****
30	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
MEAN	6	6	7	7	7	7	7	9	9	8	8	4	5	4	3	3	3	3	4	4	4	5	5	5	5

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	2	1	2	****
2	2	1	2	2	2	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3													- DATA MISSING -												
4													- DATA MISSING -												
5	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	2	****
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	1
7	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	****	****	****	****	****	****	****	0
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	0	0	0	0	0	0	0	0	****
15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0
16	1	0	1	1	1	1	1	1	1	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
17													- DATA MISSING -												
18													- DATA MISSING -												
19	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	2	2	2	2	2	3	5	****
20	6	6	6	6	7	8	8	8	9	6	3	3	3	3	4	4	7	9	5	4	2	3	2	2	5
21	2	2	2	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4	4	3	4	4	4	3	4
22	****	****	****	****	****	****	****	****	****	****	****	****	****	1	7	8	5	5	4	3	2	3	4	5	****
23	5	5	5	5	2	1	2	3	4	4	2	1	1	2	2	2	2	3	5	6	4	3	3	2	3
24	3	6	9	8	6	5	3	2	2	3	2	3	2	1	1	1	1	1	****	****	****	****	****	****	3
25													- DATA MISSING -												
26	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	2	2	2	2	2	2	2	3	****
27	4	5	5	5	5	4	4	4	4	4	4	2	2	1	2	1	1	2	2	1	1	3	3	3	3
28	2	1	0	1	1	1	1	2	2	3	3	3	3	2	2	3	3	3	3	2	2	2	1	1	2
29	1	1	1	1	1	2	2	2	3	3	3	****	****	****	2	3	3	3	3	2	2	2	2	3	2
30	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	3	2	2
31	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	4	5	4	3	2	2	2	2
MEAN	2	2	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 48

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

		STATION - SIMCOE HORTICULTURAL STATION										NO 16001				MONTH NOV 70																					
HOUR DAY		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN											
1		1	2	2	3	3	4	3	2	2	2	2	3	4	4	4	4	4	5	6	5	6	7	6	4	4											
2		5	4	3	4	5	6	11	10	7	6	5	3	2	2	2	3	3	3	2	2	2	2	2	2	4											
3		2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1											
4		0	0	0	0	1	2	3	4	3	4	4	4	*****	*****	*****	*****	*****	0	0	1	0	*****	*****	*****	2											
5		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****											
6		0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	*****											
7		9	7	5	3	3	5	4	4	4	5	4	2	1	0	0	0	1	3	2	2	2	5	6	8	1											
8		4	4	5	5	5	6	5	4	3	2	2	2	1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3											
9		DATA MISSING												-																							
10		-												-																							
11														- DATA MISSING												-											
12														- DATA MISSING												-											
13														- DATA MISSING												-											
14		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0	0	0	0	1	1	1	2	2	1	0	*****											
15		0	0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****											
16		0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	1											
17		3	2	0	1	1	1	2	2	2	2	2	3	3	3	3	3	3	4	4	4	3	3	2	2	2											
18		2	2	2	2	2	1	1	2	2	2	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****											
19		- DATA MISSING												-																							
20		- DATA MISSING												-																							
21														- DATA MISSING												-											
22														- DATA MISSING												-											
23														- DATA MISSING												-											
24														- DATA MISSING												-											
25														- DATA MISSING												-											
26														- DATA MISSING												-											
27														- DATA MISSING												-											
28														- DATA MISSING												-											
29														- DATA MISSING												-											
30														- DATA MISSING												-											
MEAN		2	2	2	2	2	3	3	3	3	3	2	2	2	1	1	1	2	2	2	2	2	3	3	3	2											

PERCENTAGE OF DATA VALID - 32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SIMCOE HORTICULTURAL STATION NO 16001
POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	3	3	4	6
MAY	24	2	4	6
JUN	6	5	7	10
JUL		DATA MISSING		
AUG	6	2	2	5
SEP	6	5	9	18
OCT	20	2	5	9
NOV	13	2	4	11
YEAR	78	3	9	18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	2	29	28	0	0	0	0	59
MAY	269	106	150	0	0	0	0	525
JUN	0	18	72	38	0	0	0	128
JUL		DATA MISSING						
AUG	43	43	6	0	0	0	0	92
SEP	36	9	27	9	11	9	0	101
OCT	149	149	54	11	0	0	0	363
NOV	88	92	44	6	1	0	0	231
YEAR	587	446	381	64	12	9	0	1499

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
29	0	0.3	0.8	1.6	3.1	4.8	6.4	8.5	11.6	18	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	4	3	2	3	4	5	5	7	8	7	4	3	0	2	2	0	0	0	0	0	0	0	0	0	3
17	2	2	2	2	2	0	2	2	2	2	2	2	2	0	0	0	****	****	2	2	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0	0
19	0	0	0	0	0	0	0	0	2	2	4	4	5	7	4	4	3	4	3	2	0	2	2	2	2
20	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	2	2	2	2
21	2	2	2	0	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25																									
26																									
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	7	6	4	4	4	4	4	****
28	3	2	0	0	0	0	0	0	0	4	5	9	8	8	8	8	10	8	8	7	6	5	3	4	4
29	3	3	5	5	5	5	5	3	4	2	0	0	2	4	4	4	4	3	2	2	0	0	0	0	3
30	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	1
31	2	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 42

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	2	1	1	1	2	2	2	2	2	3	3	2	2	1	1
4	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	4	4	4	4	4	3	3	2	3	2
5	4	3	3	3	2	4	3	3	2	1	1	3	4	4	3	****	2	1	1	1	0	0	0	0	2
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	1	0	0	0	0	1
7	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1
8	0	0	1	1	1	1	0	0	0	0	1	1	1	1	2	1	1	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	4	2	3	2	0	0	0	****
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	2	0	3	1	1
22	2	2	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	2	2	2	0	0	0	0
23	0	0	0	0	0	0	0	2	5	4	4	4	3	2	4	4	4	5	6	6	5	4	4	3	3
24	2	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	2	2	2	2	2
25	6	4	2	2	0	2	2	2	2	2	2	2	2	2	2	4	5	6	6	6	4	4	4	3	3
26	3	3	3	3	2	2	2	0	0	2	2	0	0	0	****	4	4	4	4	4	2	2	4	4	2
27	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
28	3	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
MEAN	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
4													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
5													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
7													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
8													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
9	7	7	8	6	8	8	7	7	4	4	5	3	6	6	4	6	4	5	7	8	7	6	5	6	6
10	8	6	6	8	6	6	5	5	7	8	7	7	8	9	8	8	8	8	6	8	8	9	9	9	7
11	9	9	9	9	9	8	8	9	9	14	10	10	11	14	9	11	11	10	8	8	9	8	8	8	9
12	8	8	8	8	9	9	9	9	14	10	9	9	9	9	9	10	11	11	11	11	10	10	10	11	10
13	10	9	10	9	9	11	10	10	11	9	9	9	9	9	9	11	12	14	14	14	14	13	10	11	11
14	14	14	14	14	14	14	14	11	14	11	10	9	10	11	11	11	11	11	11	11	11	11	11	11	12
15	11	14	14	14	14	14	14	13	14	13	14	14	14	2	14	14	8	8	6	4	6	6	6	6	9
16	4	4	4	4	6	6	6	5	8	9	6	6	5	5	6	6	6	6	6	6	6	6	7	7	6
17	7	8	7	7	8	8	7	8	6	8	8	8	8	8	8	8	9	9	8	7	7	6	7	7	8
18	8	8	8	7	6	4	3	2	4	6	8	9	8	9	10	14	10	9	9	8	11	13	11	11	8
19	9	9	8	7	7	8	8	8	8	8	14	14	9	4	3	0	6	7	6	6	5	4	4	3	7
20	2	0	2	2	2	2	2	4	3	3	2	5	6	5	4	4	2	3	6	6	4	4	7	10	4
21	11	9	9	8	8	9	8	6	6	9	8	8	9	8	7	8	7	8	8	7	9	6	7	8	8
22	5	6	8	8	7	4	4	8	6	6	8	9	7	7	6	6	6	7	7	7	6	4	6	5	6
23	5	5	4	5	6	7	5	5	5	5	5	5	5	4	6	6	8	6	5	6	2	3	2	2	5
24	2	4	4	4	4	5	4	3	6	7	8	7	8	6	6	6	7	8	9	10	10	9	8	6	6
25	8	8	8	8	8	8	8	8	8	8	8	8	8	10	11	9	8	7	4	3	4	2	2	2	7
26	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	2	2	4	6	6	4	4	3
27	4	4	3	2	0	0	4	4	6	4	4	5	5	3	2	4	4	4	4	4	4	4	3	2	3
28	1	0	0	1	2	3	2	1	1	2	2	2	3	3	2	3	4	4	4	6	6	6	3	2	3
29	2	2	2	2	3	4	3	5	6	5	2	3	4	4	4	6	6	6	6	6	6	5	5	7	4
30	6	6	4	4	4	4	4	3	5	5	8	8	9	9	8	8	5	5	6	7	8	8	9	9	6
MEAN	6	6	6	6	6	6	6	6	6	6	7	7	7	6	6	7	7	7	7	7	7	7	6	6	6

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	5	4	3	2	3	5	5	6	6	5	4	4	4	4	4	5	4	4	5	4	4	4	4
2	5	4	4	4	4	4	5	5	5	5	2	2	3	4	3	2	2	2	0	0	0	0	0	0	2
3	0	1	0	0	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	4	5	4	5	6	2
4	6	4	4	3	2	1	2	3	2	3	2	3	3	2	2	2	1	1	2	3	4	4	4	4	3
5	3	3	3	3	2	2	3	3	2	2	2	1	2	2	2	2	3	3	3	3	3	4	3	4	3
6	6	6	5	4	4	5	6	5	3	0	0	2	2	1	3	4	3	3	1	1	3	3	3	2	3
7	2	2	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	2	2	2	2	1	1	1
8	4	4	4	4	3	3	3	2	2	2	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4
9	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4
10	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4
11	2	1	1	2	2	2	1	1	1	1	1	0	0	0	0	0	2	2	3	3	3	2	2	1	1
12	0	0	2	2	2	1	1	1	2	3	3	3	2	2	2	2	2	1	1	2	3	2	1	0	2
13	0	2	2	2	2	2	2	3	3	4	4	3	3	4	4	3	2	4	4	4	4	3	3	3	3
14	3	3	3	3	2	2	2	1	3	3	2	2	2	1	2	3	4	4	2	4	4	4	3	2	3
15	2	2	3	2	1	0	0	0	1	2	2	1	0	1	2	2	2	3	3	3	3	2	1	1	2
16	1	0	0	0	0	0	1	1	4	5	5	4	3	3	3	3	3	3	2	1	2	2	3	3	2
17	2	2	2	2	1	2	3	1	3	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0
19	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	1	0	0	0	0	0	1	5	2	1	0	1	1	1	1	0	1	2	5	3	2	2	2	1
21	2	2	2	2	1	1	1	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
26													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
27													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
28													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30													DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	****	****	****	****	****	****	****	****	****	****	****	8													
13	14	11	7	6	3	2	2	2	19	24	20	20	24	24	25	26	23	18	16	14	10	6	2	23	14
14	22	20	19	19	22	22	22	24	23	22	18	15	11	8	4	3	20	18	24	25	25	24	22	18	19
15	15	10	5	1	22	20	19	6	1	1	1	1	1	1	1	1	16	14	12	10	15	14	10	7	9
16	3	1	1	17	16	15	10	7	12	9	4	1	1	4	16	16	15	12	10	9	10	6	2	1	8
17	4	15	15	15	14	11	7	5	3	1	1	7	14	15	14	14	11	7	3	1	1	1	14	16	9
18	16	15	15	11	8	5	2	1	1	12	12	14	14	12	10	6	2	1	1	7	15	16	16	15	9
19	12	9	5	1	1	1	10	****	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	3	2	1	2	1	1	1	1	1	1	1	3	6	5	3	2	5
21	2	1	1	1	1	4	5	7	****	2	6	5	2	1	1	1	7	6	8	5	4	4	3	0	3
22	0	0	2	4	4	5	3	4	2	1	1	1	****	****	****	3	3	2	1	1	1	1	1	1	2
23	3	4	4	4	2	1	1	1	1	1	2	5	5	5	5	4	1	1	1	1	1	7	7	7	3
24	7	6	4	1	1	1	1	5	6	7	5	5	2	1	1	1	1	6	6	7	7	6	4	1	4
25	1	1	1	3	3	5	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	8	7	6	6	8	7	7	6	7	7	6	6	6	6	7	6	9	7	7	8	8	8	8	8	7

PERCENTAGE OF DATA VALID - 40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	****	1	1	1	1	1	1	8	16	18	19	17	16	11	7	2	1	1	6
2	14	14	15	15	14	11	7	****	2	1	1	8	17	19	19	18	16	12	7	2	1	1	11	17	17
3	15	16	14	10	6	2	1	6	10	11	15	15	14	11	1	1	1	1	1	1	1	1	1	2	7
4	1	1	1	1	1	****	1	1	8	17	19	19	18	18	16	14	9	4	3	16	15	18	19	18	10
5	16	11	6	2	1	9	17	17	20	****	****	****	****	****	1	0	0	0	0	0	1	2	2	2	6
6	2	1	0	0	0	0	0	0	1	2	2	2	0	0	0	0	1	0	0	2	2	1	0	0	1
7	0	0	0	3	2	1	1	2	0	0	0	0	0	1	2	1	1	1	2	0	0	0	0	1	1
8	3	3	2	1	1	1	0	0	****	****	****	****	1	4	4	5	5	3	1	0	0	0	0	1	2
9	3	2	4	4	4	5	****	2	0	1	3	17	17	20	23	23	20	16	11	7	2	19	22	17	11
10	20	20	20	16	10	8	3	22	20	19	14	20	1	0	0	0	0	4	7	6	5	5	7	3	10
11	0	0	0	1	6	7	6	4	2	1	0	0	0	1	4	3	4	3	1	2	0	0	0	1	2
12	4	4	5	3	1	0	1	1	3	4	2	1	0	0	0	5	11	11	11	10	9	6	3	0	4
13	0	0	4	10	10	10	10	12	8	3	0	0	0	8	10	9	10	10	10	****	****	****	****	****	7
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24	****	****	****	****	****	****	****	****	2	1	0	0	0	0	0	2	2	2	2	1	0	0	0	0	1
25	0	0	0	0	1	2	1	0	0	0	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0
26	3	3	3	3	2	0	0	0	0	0	0	1	3	3	2	1	0	0	0	0	1	0	0	1	1
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	2	0
28	1	0	0	0	0	0	2	3	2	0	1	0	0	0	0	0	1	2	3	3	1	1	1	0	1
29	0	0	0	1	2	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30																									
MEAN	5	4	4	4	3	4	3	4	5	4	4	6	4	5	6	6	5	5	4	4	3	4	4	4	4

PERCENTAGE OF DATA VALID - 57

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	2	2	2	2	2	12	15	****
9	11	11	11	8	5	2	2	2	2	2	2	15	15	12	22	3	23	20	18	15	10	4	2	2	10
10	20	24	26	26	25	22	18	10	2	2	2	2	2	16	14	10	6	5	14	10	8	6	2	2	11
11	4	16	15	12	9	7	4	9	8	4	1	1	1	1	17	18	16	6	9	9	5	2	1	1	7
12	1	1	1	14	18	18	18	18	16	11	7	2	1	1	17	5	7	5	15	17	17	15	12	7	10
13	2	0	0	0	14	16	11	11	****	****	****	****	****	****	2	1	1	1	1	0	0	0	0	1	3
14	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	4	4	6	7	7	7	7	6	****
30	4	2	2	2	2	3	****	2	2	2	2	2	2	2	1	1	2	1	1	2	2	2	2	2	2
31	0	0	0	0	1	1	****	3	3	3	3	3	2	2	2	2	3	3	3	3	4	3	3	3	2
MEAN	5	7	7	8	9	9	9	7	5	4	5	4	6	7	5	7	7	6	7	6	5	4	5	7	6

PERCENTAGE OF DATA VALID - 25

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	****	2	2	2	2	3	3	3	3	3	3	2	2	2	4	5	4	4	3
2	5	4	3	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	3	3	3	3	2
3	2	2	1	1	1	1	****	2	2	2	2	2	1	1	1	1	1	1	1	1	2	4	2	2	2
4	2	2	2	2	3	3	****	****	****	****	****	****	****	****	****	2	2	3	4	4	3	3	3	3	****
5	4	5	5	6	****	****	****	****	****	****	****	****	****	****	6	5	5	4	4	5	5	5	4	4	****
6	4	4	3	3	2	3	2	5	4	5	4	4	5	5	5	5	5	4	4	5	5	5	6	6	4
7	6	5	5	4	3	3	****	4	4	5	5	5	4	5	3	3	3	3	4	5	5	5	5	5	4
8	4	3	3	3	3	3	****	5	5	6	4	3	3	2	3	3	4	4	5	4	4	4	4	3	4
9	3	4	4	4	4	4	3	****	4	4	4	3	3	4	5	6	5	7	8	8	7	7	7	5	7
10	7	7	8	9	9	10	****	12	12	9	9	9	10	****	****	6	4	3	4	4	5	4	3	5	7
11	5	5	5	2	2	4	****	8	7	3	5	7	5	4	4	4	4	2	2	3	4	4	5	****	4
12	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	5	4	3	3	3	3	4	3	4	****
13	3	3	2	1	1	2	2	5	4	2	3	1	3	2	2	3	6	5	6	6	6	7	6	6	4
14	6	5	3	3	3	5	5	7	7	6	4	4	3	3	3	5	5	4	5	6	6	3	3	3	4
15	3	3	3	3	2	3	3	4	4	4	4	3	2	3	4	5	4	4	4	5	5	3	4	3	4
16	3	3	3	3	2	2	2	3	1	1	2	3	3	3	3	3	2	2	3	4	5	6	6	4	3
17	3	2	2	2	2	3	3	4	4	3	2	2	2	2	2	3	3	3	2	2	3	4	4	3	3
18	3	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	5	4	4	4	4	4	5	4	4
19	4	4	4	4	4	5	4	6	5	6	5	5	5	6	5	5	5	4	4	4	3	3	3	3	4
20	3	3	3	2	2	3	3	5	5	5	5	6	6	6	5	5	5	5	5	5	7	6	8	7	5
21	7	8	8	8	8	7	9	11	10	9	10	10	10	1	2	2	0	1	1	1	1	0	1	2	5
22	8	8	6	5	5	5	3	1	2	1	0	0	1	1	1	2	1	1	1	3	3	3	5	4	3
23	4	2	1	1	1	0	0	0	0	0	0	0	0	1	0	3	2	4	3	4	5	6	4	1	2
24	1	2	2	2	1	4	6	7	6	1	****	2	2	3	4	5	6	5	5	6	4	5	5	5	4
25	4	4	4	4	4	5	5	10	9	6	5	5	5	5	5	6	6	4	5	5	5	5	5	5	5
26	4	3	3	3	3	5	5	7	6	****	3	3	4	5	4	5	6	4	5	5	4	4	4	3	4
27	5	5	4	3	3	3	2	5	5	5	5	5	5	4	4	5	5	5	5	6	6	7	7	5	5
28	6	4	3	2	2	4	4	5	5	****	****	8	10	10	10	10	10	11	10	9	10	10	10	7	7
29	9	10	10	9	9	9	8	9	9	9	8	9	11	10	9	9	9	10	11	11	11	10	10	10	10
30	11	11	11	9	9	10	9	10	9	10	10	10	10	11	11	9	8	8	9	8	9	9	9	9	10
31	9	9	9	8	8	10	10	11	1	0	0	0	2	2	2	3	4	4	4	4	5	7	7	5	5
MEAN	5	5	4	4	4	4	4	6	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	6	5	8	6	5	4	2	3	2	3	4	3	2	3	4	6	5	9	10	4
2	7	5	5	4	4	7	7	17	11	8	7	6	7	6	8	10	8	7	9	9	6	6	8	7	7
3	5	4	4	3	4	5	4	6	6	6	5	5	5	5	6	7	7	5	5	5	5	5	4	2	5
4	2	2	2	2	2	3	1	3	5	5	5	5	5	5	5	3	4	4	5	5	6	9	10	5	7
5	8	6	3	2	2	3	3	4	5	5	4	3	3	4	3	3	4	4	5	5	6	6	9	10	5
6	10	9	9	10	10	10	5	2	5	5	4	7	6	6	6	8	7	4	4	5	7	7	8	8	7
7	8	6	6	5	6	10	4	6	9	8	8	7	8	8	11	9	8	10	10	11	10	10	10	10	7
8	10	8	8	7	7	6	4	6	7	7	6	4	6	5	6	7	8	7	8	8	11	7	6	6	7
9	5	3	3	3	3	6	4	7	6	4	4	3	4	4	3	4	4	4	4	5	5	5	5	4	4
10	3	3	3	3	3	4	3	4	4	5	5	5	5	4	3	4	4	3	4	4	5	5	5	5	4
11	5	5	5	5	5	5	4	6	7	6	4	5	5	5	6	6	6	7	7	7	6	5	5	5	6
12	5	4	3	3	3	3	3	5	4	4	4	3	2	2	3	2	2	2	3	3	3	4	5	5	3
13	4	4	3	3	3	3	3	4	4	4	4	4	6	5	5	5	5	5	5	6	6	5	5	5	4
14	5	4	4	5	5	5	4	4	4	4	4	4	6	6	6	7	7	7	8	7	8	7	7	7	6
15	7	5	3	4	4	5	6	4	3	2	1	0	1	2	2	2	1	1	2	3	3	3	2	3	7
16	17	9	4	4	5	9	26	28	8	6	5	2	2	4	3	1	4	4	4	3	1	4	2	4	3
17	2	3	5	4	4	3	5	3	1	1	2	2	5	3	1	2	1	4	4	2	2	1	2	3	2
18	3	2	0	0	0	0	2	4	2	3	2	0	0	1	1	2	2	2	5	2	2	1	2	3	5
19	8	9	9	9	9	10	12	5	4	3	1	2	1	1	1	1	5	3	2	4	2	3	8	10	2
20	5	5	4	4	5	3	7	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
22	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
23	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
24	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
25	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
26	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
28	8	8	8	9	8	12	17	*****	*****	*****	*****	*****	*****	7	7	7	7	7	8	9	10	10	9	9	*****
29	*****	*****	*****	*****	*****	*****	5	7	4	1	*****	*****	*****	1	1	0	0	0	0	1	1	0	0	0	1
30	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MEAN	6	5	4	4	5	6	6	7	5	5	4	4	4	4	4	5	5	4	5	5	5	5	6	6	5

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	*****	3	3	3	6	1	0	2	6	9	9	12	12	9	11	27	54	57	31	22	12
2	19	15	23	14	10	7	12	11	6	6	6	5	7	6	5	5	8	7	7	8	6	6	6	6	9
3	3	4	2	1	1	2	4	5	8	7	4	4	3	2	3	4	3	4	5	5	3	4	4	5	4
4	3	2	2	1	1	1	2	2	2	3	3	3	5	3	4	4	5	5	10	14	35	22	17	22	7
5	11	8	7	8	8	14	26	40	32	14	8	6	8	9	12	14	19	12	12	10	10	17	7	7	13
6	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
7	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
8	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
9	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
10	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
11	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
12	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
13	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
14	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
15	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
16	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
17	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
18	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
19	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
20	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
22	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
23	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
24	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
25	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
26	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
28	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
29	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
30	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
31	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MEAN	7	6	7	5	5	5	9	12	11	6	4	4	6	6	7	8	9	7	9	13	22	21	13	12	9

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	15	2	4	10
FEB	18	1	4	8
MAR	25	6	12	14
APR	21	2	5	9
MAY	14	7	19	26
JUN	19	4	11	23
JUL	10	6	11	26
AUG	31	4	10	12
SEP	24	5	7	28
OCT	5	9	13	57
NOV	DATA MISSING			
YEAR	182	4	19	57

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	178	79	44	16	0	0	0	317
FEB	244	93	53	8	0	0	0	398
MAR	43	70	171	216	33	24	0	557
APR	180	181	105	4	0	0	0	470
MAY	100	35	50	35	13	52	20	305
JUN	214	73	28	29	12	54	4	414
JUL	43	61	18	19	10	28	8	187
AUG	66	218	296	105	14	0	0	699
SEP	39	110	220	112	6	3	2	492
OCT	11	22	30	25	9	10	12	119
NOV	DATA MISSING							
YEAR	1118	942	1015	569	97	171	46	3958

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
54	0	0.4	1.1	2.8	4.8	9.2	13.4	17.8	21.4	57	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10	****	****	****	****	****	****	****	****	****	2	5	6	7	6	5	5	5	5	5	6	7	7	7	7	****
11	8	9	9	8	6	4	3	3	****	****	6	6	6	6	6	6	8	8	8	14	15	24	31	33	10
12	26	16	5	4	4	5	6	9	****	****	12	12	11	****	****	****	21	16	14	13	14	14	11	9	12
13	19	17	17	16	13	16	18	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	14	15	16	****
15	11	9	7	4	5	5	3	6	****	****	****	****	****	****	11	9	11	11	22	13	9	8	9	****	9
16	****	****	20	18	17	14	16	22	37	49	32	22	22	25	23	22	19	19	18	17	13	9	7	9	20
17	****	****	7	7	5	4	4	7	7	7	9	9	8	8	9	12	10	10	11	10	8	7	8	8	8
18	****	****	6	5	4	3	3	4	5	5	5	5	5	5	5	5	7	9	11	12	16	15	17	8	
19	****	****	13	11	12	13	12	16	24	22	21	22	20	20	24	19	18	17	16	14	13	12	13	11	17
20	****	****	11	8	10	10	11	12	21	****	****	****	****	12	9	10	11	14	14	13	13	13	15	12	12
21	****	****	5	5	5	5	5	9	13	16	13	****	****	5	5	6	9	10	11	11	10	10	9	10	9
22	14	****	14	10	8	10	11	15	28	33	23	13	10	11	16	14	16	15	14	13	12	15	13	13	15
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25												-	DATA MISSING	-											
26												-	DATA MISSING	-											
27												-	DATA MISSING	-											
28												-	DATA MISSING	-											
29												-	DATA MISSING	-											
30												-	DATA MISSING	-											
31												-	DATA MISSING	-											
MEAN	16	13	10	9	8	8	8	11	19	19	14	12	11	11	11	11	12	12	13	12	12	12	13	13	12

PERCENTAGE OF DATA VALID - 31

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10	9	****	8	5	5	6	4	6	7	7	8	9	10	11	11	10	11	9	8	7	6	5	4	8	
11	4	****	3	3	3	3	3	4	4	2	2	1	1	1	1	2	3	3	2	2	1	1	0	2	2
12	1	****	2	2	2	2	2	4	5	5	5	4	3	3	3	3	4	4	5	3	3	4	6	5	3
13	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	4	3	3	4	4	5	5	8	5	4	6	7	6	6	6	6	9	7	7	8	8	5	6
15	5	****	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16																									
17																									
18	****	3	3	3	4	5	6	7	9	8	8	8	8	5	6	8	7	7	10	12	10	7	7	5	7
19	****	3	3	3	2	1	1	2	3	4	4	4	2	1	1	5	5	6	7	7	6	6	6	5	4
20	****	****	5	4	5	5	4	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	3	3	3	3	3	4	4	4	4	5	4	4	3	3	4	4	4	4	4	4	4	5	4
22	****	****	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	3
23	2	1	1	1	1	1	1	3	4	4	3	3	****	****	3	3	3	4	3	3	3	3	4	4	3
24	3	****	3	3	3	4	5	6	9	6	5	3	3	3	3	3	3	3	3	3	3	2	2	5	4
25																									
26	****	3	4	5	4	5	5	5	6	6	5	5	6	7	8	8	7	6	6	4	4	3	3	3	5
27	4	2	2	3	3	3	3	4	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28																									
MEAN	4	2	4	3	3	3	3	5	5	5	5	5	5	5	4	5	5	5	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 39

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN											UNITS - PARTS PER HUNDREDMILLION														
STATION - 67 COLLEGE ST TORONTO OAMST											NO 31001														
											MONTH MAR 70														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												-	DATA MISSING	-											
2	****	7	6	5	4	4	5	8	13	9	7	6	6	5	4	5	5	6	4	4	4	5	****	6	
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10	****	3	3	3	3	2	3	3	5	5	3	4	4	3	4	4	4	5	5	5	4	4	4	4	
11	****	3	3	4	3	2	2	4	5	3	3	3	3	3	3	3	3	3	3	3	4	5	****	3	
12	8	****	7	6	6	5	4	4	7	8	8	5	6	7	13	13	8	11	6	7	5	6	5	7	
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17	****	3	3	5	3	3	4	9	10	11	6	4	6	7	7	5	4	4	6	7	9	11	12	6	
18	****	****	17	17	17	8	8	12	18	7	5	4	4	3	4	4	5	5	6	6	6	13	10	8	
19	****	****	6	5	4	5	6	12	10	8	9	8	9	9	16	11	7	9	9	15	24	22	24	11	
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23	****	2	2	1	2	3	4	7	12	11	8	6	5	8	5	5	5	5	5	4	4	4	4	5	
24	****	2	2	2	2	2	2	4	4	4	3	3	3	2	2	3	3	4	4	4	4	5	3		
25	****	3	3	3	3	3	3	4	6	4	3	3	3	6	8	8	8	7	6	7	7	7	7	5	
26	****	4	2	1	1	0	1	2	3	4	4	4	5	6	***	10	14	8	7	4	4	4	3	2	
27	****	2	2	2	1	1	2	1	1	1	1	6	2	2	1	2	2	2	3	4	5	4	5	2	
28	****	2	2	2	1	1	2	3	5	7	7	6	4	4	5	4	3	2	4	4	5	4	6	4	
29	****	4	4	3	3	3	2	2	2	2	2	1	1	1	2	2	3	3	3	3	4	5	8	3	
30	****	****	****	****	****	****	****	****	****	****	****	3	3	4	4	5	5	5	5	5	5	5	5	****	
31	****	8	8	6	4	4	5	10	9	9	****	****	12	10	14	15	15	14	7	6	5	4	5	9	
MEAN	8	4	5	4	4	3	4	6	7	6	5	4	4	5	6	6	6	6	6	6	6	7	7	5	
PERCENTAGE OF DATA VALID - 46																									

PERCENTAGE OF DATA VALID - 46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN											UNITS - PARTS PER HUNDREDMILLION														
STATION - 67 COLLEGE ST TORONTO OAMST											NO 31001														
											MONTH JUN 70														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15	****	6	5	5	5	10	14	20	18	14	14	12	10	8	8	9	9	7	8	9	9	11	8	8	10
16	6	5	3	3	3	3	5	8	6	5	6	7	6	5	5	5	5	4	5	5	5	7	6	5	5
17	5	5	5	5	7	9	15	20	16	13	12	12	11	8	5	6	6	4	5	5	7	7	6	9	8
18	5	4	2	2	2	3	5	6	4	5	7	9	9	10	8	7	7	8	7	7	7	7	6	6	6
19	6	7	11	9	8	9	10	12	11	****	3	2	2	2	3	2	3	2	2	2	1	1	3	3	5
20	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	8	8	1
21	12	18	5	6	5	5	3	****	****	1	1	1	1	2	2	2	1	2	3	5	10	10	13	16	6
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25												-	DATA MISSING	-											
26												-	DATA MISSING	-											
27												-	DATA MISSING	-											
28												-	DATA MISSING	-											
29												-	DATA MISSING	-											
30												-	DATA MISSING	-											
MEAN	6	7	5	4	4	6	8	11	9	6	6	6	6	5	4	4	4	4	4	5	6	7	7	8	6
PERCENTAGE OF DATA VALID - 22																									

PERCENTAGE OF DATA VALID - 22

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	****	****	2	3	2	4	5	9	10	4	8	9	9	9	6	5	4	12	17	16	11	9	10	15	8
26	****	****	7	3	3	2	3	4	3	4	3	3	3	3	3	4	4	4	4	3	3	4	5	10	4
27	****	2	3	3	3	3	3	3	2	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	****	4	3	4	4	2	5	4	4	4	5	5	****
29	****	3	3	2	2	2	3	6	4	5	11	4	3	3	3	3	4	3	3	2	4	4	4	5	4
30	****	2	2	2	1	3	4	4	3	3	3	3	3	3	3	3	4	3	3	4	4	3	3	4	3
31													- DATA MISSING -												
MEAN	****	2	3	3	2	3	4	5	4	4	5	4	5	4	4	4	4	5	6	6	5	5	5	8	4

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5	****	1	1	1	1	2	3	4	2	2	5	3	3	2	3	3	3	2	2	3	4	6	9	11	3
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13	5	4	3	3	2	3	6	10	7	3	8	6	5	3	7	9	8	7	6	6	5	7	9	****	6
14	5	3	3	2	2	4	6	6	8	5	****	4	4	5	6	5	4	3	3	5	6	7	8	****	5
15												- DATA MISSING -													
16												- DATA MISSING -													
17	1	0	0	0	0	1	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	****	1
18	3	2	2	2	1	2	4	7	5	3	2	2	2	2	4	7	8	8	5	4	3	3	3	****	4
19	3	2	2	2	2	3	4	6	6	5	6	5	3	5	5	5	5	6	5	4	4	4	****	3	4
20	3	2	3	3	3	2	3	4	5	5	5	5	3	3	3	3	3	4	4	4	4	4	3	****	4
21	****	****	****	****	****	****	****	****	****	****	2	2	2	2	1	2	3	2	2	2	2	3	3	****	****
22	5	4	4	2	2	2	2	3	3	2	2	4	4	2	3	3	3	2	2	3	3	2	2	****	3
23	4	3	2	2	1	0	1	1	1	1	1	2	2	1	1	2	3	3	3	3	5	4	3	****	2
24	2	1	1	1	2	2	3	4	4	3	2	3	4	5	4	5	5	5	5	7	6	4	5	****	4
25	3	2	1	1	1	1	4	6	5	5	6	5	6	5	3	1	1	1	2	3	3	4	4	****	3
26	2	4	2	0	0	1	3	2	1	0	0	1	1	1	7	9	6	2	4	3	4	3	2	****	2
27	1	1	1	1	2	****	****	****	****	****	3	3	3	3	3	4	4	4	3	4	4	3	3	****	3
28	2	3	2	2	2	2	3	3	3	3	3	3	3	2	4	4	4	5	5	5	5	5	5	****	3
29	5	4	4	4	3	3	4	4	4	****	2	3	3	4	4	7	6	5	3	4	2	2	3	****	4
30																									
31	2	1	1	1	1	2	5	5	2	2	2	2	2	3	3	3	4	3	3	4	6	6	5	****	3
MEAN	3	2	2	2	2	2	4	5	4	3	3	3	3	3	4	4	4	4	3	4	4	4	4	7	3

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	7	10	8	5	4	3	3	3	3	3	4	4	4	7	9	9	8	****	5
2	6	2	1	1	2	3	9	23	23	11	10	6	8	6	7	6	6	6	5	5	6	5	6	****	7
3	4	2	2	3	4	5	7	7	7	7	****	5	5	6	9	16	8	6	8	9	4	4	5	****	6
4	3	3	2	3	2	3	4	7	4	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	****	****	****	****	****	****	****	****	****	1	2	2	3	3	3	4	****	2	1	3	6	6	6	****	****
6	4	3	2	1	1	1	2	3	5	4	4	5	8	7	6	6	****	3	6	7	12	14	14	10	6
7	13	6	5	5	3	2	2	3	3	3	5	5	5	6	5	5	****	3	3	3	3	3	4	3	4
8	2	2	2	2	3	4	6	17	15	14	6	****	3	3	5	6	****	3	4	9	12	10	12	9	7
9	8	6	4	1	0	0	1	3	3	4	4	3	5	5	4	3	4	4	4	5	3	6	6	6	4
10	****	3	2	5	5	3	1	3	4	4	5	3	2	0	0	0	1	0	1	3	4	4	9	7	3
11	****	1	0	0	0	1	5	11	5	2	1	1	0	1	1	1	1	2	2	8	16	10	7	8	4
12	****	4	3	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	4	6	6	6	6	7	8	7	7	7	8	11	12	11	****
15	5	5	4	5	5	5	7	12	12	11	9	7	7	7	7	8	8	7	7	6	6	10	7	9	7
16	6	6	6	7	8	6	8	8	8	6	****	2	1	3	3	3	5	5	5	6	5	5	6	7	5
17	3	7	5	5	6	****	****	****	****	****	****	5	5	6	5	9	10	6	5	6	5	7	11	8	6
18	****	6	4	3	2	3	5	10	9	5	5	5	5	7	9	9	12	11	11	13	6	5	3	4	7
19	****	5	5	3	3	2	3	4	5	5	3	3	5	5	5	4	5	6	5	7	7	4	5	7	5
20	****	19	20	14	10	10	11	10	12	7	7	7	6	9	5	6	6	5	5	5	5	8	9	5	9
21	2	4	4	2	5	5	7	9	11	10	9	8	6	4	5	5	5	5	5	5	5	5	5	2	6
22	2	3	3	3	2	2	5	9	13	10	8	7	6	7	8	10	11	15	14	12	9	10	9	8	8
23	****	6	4	2	2	2	4	5	5	5	5	5	7	6	8	19	20	10	7	6	5	6	5	6	6
24	1	2	2	0	0	0	7	16	14	10	2	0	0	0	0	1	2	3	4	7	10	8	7	7	4
25	1	6	5	4	4	6	7	9	9	8	7	5	5	5	5	5	3	3	4	3	2	2	2	2	5
26	1	2	1	1	1	1	1	1	2	2	3	3	3	4	4	4	4	4	5	7	8	8	10	8	4
27	5	6	5	7	8	10	14	14	12	9	8	8	8	9	8	9	10	10	10	10	9	9	9	9	9
28	8	8	9	9	9	10	11	18	****	2	2	4	4	2	2	3	3	3	5	2	4	4	2	5	5
29	****	3	2	2	2	3	6	11	15	6	2	1	1	2	2	2	2	2	3	3	2	3	4	3	4
30	****	0	0	0	0	1	2	7	4	3	4	4	8	10	7	7	7	5	6	5	6	5	3	2	4
MEAN	4	5	4	3	3	4	6	9	9	6	5	4	5	5	5	6	6	5	5	6	7	7	7	6	5

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	3	5	4	5	5	5	7	7	6	6	8	11	12	14	12	8	8	10	8	4	4	4	6	7
2	2	6	6	6	5	5	7	7	6	6	6	4	5	4	4	4	4	5	4	5	4	4	3	3	5
3	1	3	2	2	1	2	2	2	2	2	2	2	3	3	4	4	4	5	6	6	8	17	20	12	5
4	****	8	6	5	8	14	34	60	40	28	****	6	7	11	24	24	25	16	15	10	8	8	9	12	17
5	****	10	6	6	7	10	15	17	15	****	****	7	16	11	15	11	11	11	14	11	16	27	24	28	14
6	****	25	14	16	16	22	23	50	60	18	9	12	15	20	20	20	25	18	16	11	15	14	20	27	21
7	****	20	16	11	9	10	18	22	35	43	****	12	16	16	12	10	11	11	10	9	11	8	8	10	15
8	8	10	9	6	5	5	4	7	8	10	9	10	11	9	8	7	8	7	9	10	9	8	8	7	9
9	3	5	5	4	4	4	4	7	8	10	6	6	5	5	5	6	9	8	7	8	12	9	10	11	7
10	5	6	6	5	5	6	7	5	6	7	1	2	2	3	4	4	3	3	4	4	4	4	4	3	4
11	****	3	3	3	4	5	5	5	6	6	6	8	9	10	10	12	9	8	8	11	10	9	10	9	7
12	7	5	4	4	2	4	4	7	****	4	4	4	4	4	4	5	5	5	4	5	5	8	8	10	5
13	5	6	6	6	8	8	14	18	17	10	12	10	10	10	10	9	6	6	6	5	4	2	2	2	8
14	****	0	1	0	1	2	5	8	6	6	7	5	6	6	6	6	7	6	7	6	7	9	9	6	5
15	****	2	2	2	2	2	7	11	8	5	****	5	6	5	6	5	6	6	6	8	8	9	9	8	6
16	****	7	9	7	6	8	10	12	12	9	9	8	10	9	9	9	9	12	10	30	26	19	14	10	11
17	6	7	6	6	6	6	7	7	6	****	2	3	3	3	4	3	4	5	5	5	5	5	5	5	5
18	****	4	5	5	5	9	17	28	26	11	5	4	5	5	5	6	6	6	7	7	7	9	6	5	8
19	****	10	8	5	6	11	18	27	17	5	****	****	****	7	4	4	4	3	3	4	6	5	2	1	8
20	****	0	0	0	3	5	9	14	19	12	7	6	7	8	8	9	7	10	12	10	5	6	6	6	7
21	6	4	3	3	5	6	7	7	7	7	7	10	9	11	17	14	18	14	12	12	12	10	7	9	9
22	4	5	4	4	4	9	11	13	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	6	12	12	12	15	18	23	14	7	9	10	9	****
24	8	7	5	3	1	1	3	4	5	8	12	11	7	6	8	6	6	6	9	6	13	27	25	14	8
25	****	3	2	4	3	2	2	3	4	2	1	1	2	2	2	1	2	3	8	12	11	3	1	1	3
26	2	3	2	2	2	2	3	10	14	11	8	6	5	4	4	3	4	5	3	2	2	2	2	3	4
27	1	1	1	1	0	1	1	3	4	4	3	2	2	3	3	3	4	4	2	2	2	3	2	2	2
28	1	1	2	4	1	1	4	6	4	4	4	12	4	4	4	4	5	4	4	4	4	15	5	4	4
29	2	2	1	1	1	1	1	4	6	6	10	12	12	10	7	6	6	5	7	15	11	7	8	4	6
30	5	9	7	3	2	3	5	10	14	13	10	7	6	6	6	7	7	8	8	9	8	6	4	4	7
31	2	2	2	3	3	3	3	3	4	4	5	6	6	7	6	8	12	13	11	9	7	6	3	4	6
MEAN	4	6	5	4	4	6	9	13	13	10	6	7	7	8	8	8	8	8	8	9	8	9	8	8	8

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTSMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - 67 COLLEGE ST TORONTO OAMST													NO 31001												
													MONTH NOV 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	2	2	3	4	4	2	2	2	3	3	6	6	6	10	11	7	14	12	9	11	18	20	7
2	5	6	4	4	4	4	5	8	12	7	7	6	6	6	5	4	4	6	7	6	4	3	2	5	5
3	1	1	1	0	0	0	1	2	4	4	4	3	4	5	5	5	5	7	7	8	8	5	5	5	4
4	3	4	3	2	2	1	3	6	14	16	****	5	5	5	4	5	6	7	7	4	4	4	4	3	5
5	****	4	5	3	4	2	2	2	2	1	0	1	1	1	1	1	2	3	3	4	5	6	6	4	3
6	****	3	2	2	2	1	2	4	6	5	5	3	2	2	3	2	2	1	0	1	3	2	2	1	2
7	0	0	1	1	1	0	1	2	1	0	0	0	0	0	0	0	1	3	3	3	5	4	3	4	1
8	****	4	6	6	5	3	2	2	3	3	****	4	5	4	4	5	5	6	7	7	7	7	6	7	5
9	9	8	7	6	6	7	8	11	11	11	12	11	4	3	5	5	10	11	10	8	6	6	5	8	6
10	3	3	3	3	2	2	2	6	10	12	8	5	4	5	6	7	9	10	10	10	9	8	8	8	6
11	6	6	8	11	****	9	8	****	****	****	18	22	10	10	8	7	7	8	10	15	11	12	10	9	10
12	8	8	7	5	4	3	2	4	7	7	6	6	6	5	3	4	6	6	4	4	3	3	4	3	5
13	1	1	1	1	1	1	1	2	5	5	5	5	4	4	5	5	5	6	6	5	4	4	3	2	3
14	2	1	1	0	0	0	0	1	2	4	4	6	6	7	6	6	8	11	10	12	10	8	9	9	5
15	5	6	6	5	4	4	4	4	4	5	5	****	3	4	4	4	4	4	4	3	3	3	2	2	4
16	1	1	1	1	2	3	5	8	10	8	6	6	4	7	****	0	2	7	7	6	6	5	4	4	5
17	2	2	3	3	3	4	5	7	10	11	10	9	9	8	7	8	8	9	12	15	23	20	18	17	9
18	8	4	5	3	3	5	4	6	8	10	11	3	1	1	1	1	1	2	2	2	2	1	0	0	4
19	0	0	0	0	1	1	1	2	2	3	3	2	2	1	1	1	3	2	2	1	1	1	1	1	1
20	1	1	1	1	1	0	0	0	2	2	2	2	1	0	0	0	1	3	3	3	3	4	3	2	2
21	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	4	3	4	5	5	5	2
22	2	3	4	3	3	3	2	2	2	2	3	3	3	3	2	3	2	2	2	2	1	1	1	1	2
23	1	1	1	1	1	1	1	2	2	2	4	4	2	2	2	3	3	3	4	5	3	3	3	2	2
24	3	3	4	3	3	4	3	3	5	6	7	11	9	8	12	9	8	10	10	9	4	5	3	4	6
25	2	2	2	2	2	2	3	3	5	6	6	6	5	5	5	6	6	6	4	3	3	3	3	3	5
26	1	2	2	2	2	2	3	4	7	6	6	7	6	6	7	7	8	7	6	6	4	3	3	3	5
27	2	3	7	6	5	5	4	4	5	6	11	19	15	15	15	16	18	17	15	12	10	10	10	9	11
28	5	8	7	6	5	5	4	4	5	6	5	6	6	6	5	5	6	6	8	9	8	5	4	5	6
29	4	4	4	3	3	2	2	2	2	2	3	****	4	5	7	8	8	11	10	10	10	8	6	6	5
30	3	3	3	2	2	2	4	6	9	9	7	6	4	4	4	6	6	8	10	15	18	16	9	7	7
MEAN	3	3	3	3	3	3	3	4	6	6	6	6	5	5	5	5	6	6	6	7	7	6	6	5	5
PERCENTAGE OF DATA VALID - 98																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTSMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - 67 COLLEGE ST TORONTO OAMST													NO 31001												
													MONTH DEC 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	3	6	4	6	8	8	7	7	8	7	7	8	11	19	22	11	10	9	8	5	8
2	2	2	2	2	2	2	3	5	8	10	9	6	5	5	6	6	5	6	8	8	7	6	9	7	5
3	3	4	4	4	5	4	5	9	14	11	14	18	17	11	8	8	8	8	7	5	4	4	3	3	8
4	1	2	3	3	2	3	4	5	5	6	5	6	6	6	5	5	7	8	7	7	7	8	9	10	5
5	6	10	16	14	12	9	9	14	18	14	12	10	8	9	8	9	10	6	6	6	5	3	3	3	9
6	1	2	2	2	2	1	0	1	1	1	1	2	3	3	3	3	4	4	4	4	4	4	4	4	3
7	2	2	2	2	2	3	3	5	8	8	7	6	6	6	6	6	8	11	10	11	16	14	14	19	7
8	11	16	10	6	5	4	6	9	14	14	14	10	10	11	15	14	15	18	14	11	8	6	6	8	11
9	4	7	9	7	7	7	8	10	12	12	9	11	9	9	9	7	7	7	6	5	4	4	4	5	7
10	3	3	3	3	2	2	3	4	6	6	7	7	6	8	9	8	10	11	8	7	6	5	7	6	6
11	4	4	3	4	3	3	4	5	6	7	5	6	7	7	8	7	8	8	7	7	6	6	6	4	6
12	2	5	4	3	3	3	4	4	5	7	8	8	7	7	7	7	7	7	7	7	6	6	7	6	6
13	5	7	6	6	4	4	4	6	6	6	6	7	8	11	10	9	8	9	8	7	7	7	6	5	7
14	3	6	6	7	7	9	6	12	19	16	11	9	7	6	7	9	10	11	16	18	11	9	8	7	10
15	5	7	6	5	6	7	8	10	16	16	14	14	12	8	8	10	10	11	14	11	12	10	9	9	10
16	2	6	5	4	2	2	3	4	5	7	6	6	7	7	7	7	7	7	6	5	5	5	5	5	5
17	2	3	3	2	2	3	3	6	7	10	11	11	9	8	10	10	8	7	7	7	7	7	7	6	7
18	2	3	3	2	1	1	2	7	11	9	11	10	9	9	10	9	7	6	6	6	5	5	4	4	6
19	2	5	5	6	5	5	6	8	8	10	9	9	9	7	6	6	6	6	5	5	4	2	2	2	6
20	1	2	2	2	2	1	2	3	2	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	7	7	8	7	9	11	10	9	10	8	8	7	****
22	4	6	5	4	4	5	5	7	8	9	7	8	7	8	10	7	8	8	7	7	7	6	5	6	7
23	4	7	6	5	5	5	5	6	7	7	7	8	7	8	8	6	6	5	4	4	4	5	8	8	6
24	4	7	4	2	2	2	2	3	5	4	3	3	4	4	3	5	5	6	7	7	7	6	4	4	4
25	2	3	3	4	4	3	3	4	4	4	4	4	4	4	5	6	5	5	8	10	10	9	8	7	5
26	4	8	8	6	6	3	2	3	6	9	10	9	8	****	****	4	4	4	4	4	5	4	4	5	5
27	2	8	10	7	7	7	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	5	4	5	5
28	2	4	3	3	3	3	3	4	6	7	6	6	6	6	7	7	7	8	8	7	7	7	7	7	6
29	4	8	7	6	7	8	6	8	10	10	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	- DATA MISSING -																								
31	- DATA MISSING -																								
MEAN	3	5	5	4	4	4	4	6	8	8	8	8	7	7	7	7	8	8	8	7	7	6	6	6	6
PERCENTAGE OF DATA VALID - 88																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	13	12	20	49
FEB	15	4	8	12
MAR	16	5	11	24
APR		DATA MISSING		
MAY		DATA MISSING		
JUN	7	6	10	20
JUL	6	4	8	17
AUG	18	3	6	11
SEP	29	5	9	23
OCT	31	8	21	60
NOV	30	5	11	23
DEC	29	6	11	22
YEAR	194	6	21	60

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	0	6	49	58	48	51	24	236
FEB	18	95	112	38	5	0	0	268
MAR	18	94	152	56	14	11	4	349
APR		DATA MISSING						
MAY		DATA MISSING						
JUN	24	30	46	43	11	10	0	164
JUL	1	57	38	10	3	3	0	112
AUG	64	176	130	24	1	0	0	395
SEP	56	146	220	146	26	21	2	617
OCT	34	105	238	176	58	55	28	694
NOV	110	199	230	118	25	24	2	708
DEC	12	102	238	242	29	32	1	656
YEAR	337	1010	1453	911	220	207	61	4199

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
57	0	1.2	2.8	4.4	6.4	10.6	14.0	18.4	22.6	60	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - PHARMACY AND 401 TORONTO													NO 33002												
													MONTH MAR 70												
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	3	3	2	2	2	2	1	1	0	****
27	0	1	1	0	0	0	0	1	1	1	2	2	2	2	4	4	5	3	4	6	6	4	5	5	2
28	5	5	5	4	3	1	1	1	1	3	1	4	5	1	0	0	0	0	0	0	0	0	0	0	2
29	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1
MEAN	1	0	1	1	1	1	1	1	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****

PERCENTAGE OF DATA VALID - 16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION												
STATION - PHARMACY AND 401 TORONTO													NO 33002												
													MONTH APR 70												
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	3	3	3	4	4	3	2	2	2	2	1	1	2	2	3	6	5	3	3	3	3
2	5	5	4	5	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3													- DATA MISSING -												
4	2	1	1	2	3	3	2	2	2	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****
5													- DATA MISSING -												
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	5	6	6	5	5	6	****
7	5	4	3	3	4	4	4	4	4	3	2	2	1	1	1	1	2	2	1	2	2	3	6	6	3
8	8	6	4	5	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	3	4	4	4	3	2	****
14	1	1	2	1	2	2	3	3	2	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****
15													- DATA MISSING -												
16													- DATA MISSING -												
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	4	4	4	4	3	3	****
18	3	3	3	2	1	1	2	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	3
19	4	4	4	4	4	3	4	3	3	3	3	3	3	2	3	3	3	3	3	4	3	3	3	3	3
20	3	3	3	3	4	4	4	5	5	5	5	5	5	5	6	4	4	5	6	6	6	7	6	6	5
21	6	6	6	5	5	4	5	5	6	6	5	4	4	4	4	4	****	3	3	0	3	3	3	3	4
22	3	2	2	2	2	3	3	4	4	4	4	4	5	5	4	5	5	5	5	5	5	4	4	4	4
23	4	4	4	4	4	4	4	5	5	4	5	3	4	3	3	3	4	4	4	4	4	4	5	4	4
24	4	4	4	3	3	3	3	4	4	4	3	4	4	4	4	****	0	2	1	2	2	2	2	1	3
25	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 37

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	1	1	1	1	0	2	****
2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2
3	2	2	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0	0	2	2	4	3	3	1
4	2	1	1	2	3	3	2	2	2	2	2	1	1	1	0	1	1	1	0	1	0	0	0	0	0
5																									
6																									
7	****	****	****	****	****	****	****	****	****	****	2	3	4	4	4	4	4	3	4	3	3	3	3	2	****
8	3	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	1	1	2	2	1	1	0	0	2
9																									
10																									
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	3	3	3	3	3	3	****
12	2	2	1	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13																									
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	5	4	4	2	3	****
15	5	6	3	1	1	1	3	3	3	2	3	3	2	3	3	3	3	3	2	3	3	3	2	3	3
16	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	1	1	1	2	2	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	4	4	4	4	4	3	3	****
22	2	2	2	1	0	0	0	1	1	0	0	0	0	0	1	3	2	1	1	1	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25																									
26																									
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	2	2	3	2	2	2	****
28	2	1	1	1	1	1	2	2	1	1	1	1	0	0	2	3	3	4	4	5	5	4	3	3	2
29	4	4	3	4	3	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
30	2	2	1	2	1	2	0	1	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1
31																									

PERCENTAGE OF DATA VALID - 62

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	0	2	3	3	3	4	3	3	4	5	4	4	5	2
2	4	3	2	2	2	2	3	3	3	2	2	2	1	1	1	0	1	1	1	1	2	3	2	2	2
3	1	1	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2
4	2	1	1	2	2	2	1	1	1	1	1	1	1	1	1	***	4	4	5	5	4	4	4	4	3
5	4	3	3	4	4	3	3	3	3	3	3	3	2	2	4	4	4	4	4	4	4	3	3	2	3
6	2	2	2	1	1	1	2	2	2	2	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***
7																									
8													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
10													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
11													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
12													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
13													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
14													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
15													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
16													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	4	3	5	6	7	6	6	6	***
18	5	5	4	4	4	4	4	5	4	5	5	5	4	4	5	5	5	5	4	4	4	4	4	4	4
19	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3	4	4	4	4	4	4	4	4	4	4
20	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	3	4	3	4
21	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	1
22	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	1	1	1	1	1	1	1	***
26	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
29	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
30	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	1	2	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1
2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	2	2	2	2	2	****
3	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****
4																DATA MISSING -									
5																DATA MISSING -									
6																DATA MISSING -									
7																DATA MISSING -									
8																DATA MISSING -									
9																DATA MISSING -									
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	****
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
12	1	1	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
13	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	****
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1
21	1	2	2	2	1	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1	****	1
22													DATA MISSING -												
23													DATA MISSING -												
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	1	1	2	1	****
25	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2
27	3	3	3	3	3	2	3	3	3	3	3	2	3	2	2	2	2	2	2	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3
29	3	2	2	2	2	2	3	3	3	3	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3
30	4	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4
31	5	4	4	5	5	5	6	5	6	6	6	6	5	4	4	5	5	5	6	5	6	6	6	6	5
MEAN	1	1	1	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	6	6	6	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	6	6	6	2	2	2	1	****	****	****	2	1	1	1	1	1	1	1	1	3
5	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	2
6	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
7	3	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	4	4	4	4	4	3
8	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	5	4	4	4	4
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	5	5	5	5	5	5	5	****	2	2	1	1	1	1	1	1	0	1	1	2	2	2	2	3
11	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0	1
12	****	****	****	****	****	****	****	****	****	****	****	****	1	2	3	3	3	4	4	5	5	5	5	5	****
13	5	5	5	6	5	6	6	7	7	7	6	6	6	7	6	6	7	6	7	7	6	7	7	7	6
14	7	7	7	7	7	7	7	8	8	8	7	7	7	7	7	7	7	7	7	8	8	8	7	7	7
15	8	8	8	8	7	8	8	8	8	8	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7
16	7	8	7	7	7	7	6	7	7	6	7	7	6	6	6	6	7	7	7	7	7	7	7	7	7
17	6	6	6	6	6	7	7	7	7	7	7	6	6	7	7	6	6	6	6	6	6	6	6	6	6
18	6	6	6	6	6	6	6	6	6	6	5	6	5	5	5	5	5	6	6	6	5	5	****	6	6
19	****	****	****	****	****	****	****	****	****	****	1	1	1	1	2	1	1	1	1	2	2	2	2	2	****
20	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	3	2	2	3	3	2
21	3	3	3	3	3	3	4	3	3	3	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
23	4	4	4	4	4	3	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	3	3
24	3	3	3	3	3	3	3	4	4	4	3	3	4	4	4	3	3	3	3	3	4	3	4	3	3
25	3	3	3	3	3	4	4	4	4	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26													DATA MISSING -												
27													DATA MISSING -												
28	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	****	0	0	0	0	0	****
29	0	0	0	0	****	****	****	****	****	****	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30													DATA MISSING -												
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	3	3	3	3	3	****
MEAN	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	2	2	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3
2	3	3	3	3	3	2	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
4	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	2
5	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	5	5	5	5	5	5	5	4
6	5	5	5	5	4	4	4	4	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	4
7																									
8																									
9																									
10																									
11	3	2	3	2	1	2	3	3	3	3	3	3	2	2	3	2	2	2	2	2	2	2	3	3	3
12	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	2
13	2	3	3	2	2	2	2	2	3	4	4	4	4	4	3	3	2	2	2	2	2	2	2	2	3
14	3	3	3	2	2	2	2	2	3	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	3
15	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	1	1	2	2	2	2	2	3	3	2
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	4	4	4	4	3
17	5	4	4	5	5	5	5	5	5	5	1	2	3	2	2	3	3	3	3	3	3	3	3	3	4
18	3	3	4	4	4	4	4	4	3	3	4	4	4	4	5	5	4	4	5	5	5	5	5	5	4
19	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4
20	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4
21																									
22																									
23	5	5	5	5	5	8	12	14	11	9	9	10	11	9	5	10	13	11	12	12	11	10	12	11	9
24	9	8	7	8	7	7	7	7	7	8	8	8	7	7	7	7	8	8	9	8	7	8	8	10	8
25	8	8	8	8	9	11	13	15	12	11	11	10	11	12	13	14	13	15	15	15	14	11	9	9	11
26	11	12	11	10	10	10	10	10	9	9	9	9	9	9	9	9	9	11	11	12	11	12	11	12	10
27	12	11	11	11	11	11	11	11	11	11	11	11	12	11	11	12	12	12	13	13	11	11	12	11	11
28																									
29	3	1	0	0	2	16	43	46	26	11	7	5	1	1	1	1	1	1	1	1	1	1	1	1	1
30						1	5	26	24	17	13	11	10	12	14	35	32	26	23	16	17	21	22	16	18
MEAN	4	4	4	4	4	5	7	8	7	6	5	5	5	4	5	6	6	7	7	7	6	6	6	5	6

PERCENTAGE OF DATA VALID - 72

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	5	3	2	5	29	73	73	45	32	27	19	9	2	2	1	4	5	7	8	7	5	5	17	
2	23	12	11	11	11	8	8	23	46	48	46	41	40	28	21	6	6	5	8	8	3	2	2	28	
3	10	3	2	1	1	1	1	1	1	1	2	10	20	11	11	18	18	31	27	23	9	16	27	5	
4	16	12	10	11	18	29	69	72	39	23	6	7	5	3	5	4	3	3	5	7	5	5	3	3	
5	4	3	4	7	7	7	9	10	8	5	3	5	7	8	8	10	13	17	18	18	17	20	23	10	
6	24	24	21	14	8	8	12	26	26	15	8	6	7	6	12	16	11	14	16	13	16	46	43	30	
7	20	16	12	9	10	17	16	12	12	14	10	6	4	4	4	8	9	5	4	6	7	5	4	4	
8	4	4	3	3	2	2	3	3	3	3	3	5	5	4	4	7	6	6	6	7	6	6	5	4	
9	4	5	4	4	3	4	4	5	6	6	5	4	8	10	25	25	10	7	6	9	23	21	21	16	
10																									
11	10	8	6	4	4	5	5	6	7	7	5	4	2	2	2	2	2	2	2	2	2	2	2	4	
12	2	2	2	2	1	1	1	2	2	3	3	5	4	4	4	5	10	12	8	13	16	15	12	8	
13	3	2	2	2	3	7	15	9	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	11	8	7	6	6	10	17	19	15	12	10	10	9	7	8	8	7	8	9	10	9	11	12	12	10

PERCENTAGE OF DATA VALID - 40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - NITROGEN OXIDES -SALZEMAN													UNITS - PARTS PER HUNDREDMILLION													
STATION - PHARMACY AND 401 TORONTO													NO 33002													
													MONTH NOV 70													
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5	****	****	****	****	****	****	****	****	****	****	****	****	9	****	9	8	11	15	12	15	19	19	19	11	****	
6	9	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
7													- DATA MISSING -													
8													- DATA MISSING -													
9													- DATA MISSING -													
10	****	****	****	****	****	****	****	****	****	****	****	****	****	3	5	4	3	3	4	4	3	3	3	3	****	
11													- DATA MISSING -													
12													- DATA MISSING -													
13													- DATA MISSING -													
14													- DATA MISSING -													
15													- DATA MISSING -													
16													- DATA MISSING -													
17													- DATA MISSING -													
18													- DATA MISSING -													
19													- DATA MISSING -													
20													- DATA MISSING -													
21	****	****	****	****	3	3	3	2	1	1	2	1	2	3	2	4	4	5	5	4	5	3	2	2	3	
22	2	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2	3	3	2	2	2	1	3	
23	1	1	1	3	3	2	1	2	1	1	1	1	2	1	2	1	4	8	12	9	7	4	****	****	3	
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28													- DATA MISSING -													
29													- DATA MISSING -													
30													- DATA MISSING -													
MEAN	4	3	2	3	3	3	2	2	2	1	2	1	4	3	4	4	5	7	7	7	7	6	7	4	4	
PERCENTAGE OF DATA VALID - 12																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - NITROGEN OXIDES -SALZEMAN													UNITS - PARTS PER HUNDREDMILLION													
STATION - PHARMACY AND 401 TORONTO													NO 33002													
													MONTH DEC 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	****	****	****	****	58	63	10	7	4	3	3	3	4	4	3	2	2	2	2	2	2	2	2	2	9	
2	3	4	7	6	6	5	4	4	3	3	3	3	4	6	14	13	11	9	9	7	6	4	4	4	6	
3	4	5	5	5	5	5	5	5	4	4	3	2	2	3	3	3	3	1	3	3	3	2	2	2	3	
4	4	3	3	3	3	3	3	****	7	3	****	****	****	0	0	0	0	1	1	****	****	****	****	****	****	
5	0	1	1	2	3	5	4	3	3	1	0	0	4	7	13	11	6	27	9	4	2	3	3	3	5	
6	7	6	8	9	11	11	9	9	9	5	5	4	7	4	1	0	****	****	1	1	****	****	****	****	6	
7	0	1	2	2	2	1	1	1	1	0	0	0	1	1	1	1	1	****	33	26	18	7	2	1	4	
8	3	3	3	3	4	7	6	2	2	1	1	2	2	12	59	90	68	58	53	45	40	39	47	46	25	
9	46	43	47	50	45	45	42	37	33	36	52	50	45	41	46	44	40	35	33	26	20	17	21	27	38	
10	29	31	31	30	26	23	23	24	20	16	18	25	33	43	46	40	****	****	****	****	****	****	****	****	29	
11													- DATA MISSING -													
12													- DATA MISSING -													
13													- DATA MISSING -													
14													- DATA MISSING -													
15	****	****	****	****	****	****	****	****	****	****	****	****	****	2	4	4	2	1	1	0	0	0	1	2	****	
16	2	1	1	0	0	1	2	1	1	1	3	5	4	5	6	4	5	5	5	3	2	2	3	2	3	
17	2	1	1	0	1	0	0	0	1	1	1	1	1	2	2	2	3	2	2	2	1	1	1	0	1	
18	1	1	1	1	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
19													- DATA MISSING -													
20													- DATA MISSING -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	1	0	0	0	0	0	0	1	1	****	
22	2	2	1	0	0	0	0	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
23													- DATA MISSING -													
24													- DATA MISSING -													
25													- DATA MISSING -													
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
27	1	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	
28	1	1	0	0	0	0	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	****	1	
29													- DATA MISSING -													
30													- DATA MISSING -													
31													- DATA MISSING -													
MEAN	7	7	7	7	10	11	7	7	6	5	7	7	8	8	13	14	10	11	10	9	7	6	7	7	8	
PERCENTAGE OF DATA VALID - 46																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - PHARMACY AND 401 TORONTO
POLLUTANT - NITROGEN OXIDES -SALTZMAN

NO 33002

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN			DATA MISSING	
FEB			DATA MISSING	
MAR	6	1	2	6
APR	17	4	5	8
MAY	23	2	3	6
JUN	19	2	4	7
JUL	23	1	5	6
AUG	28	4	7	8
SEP	25	6	18	46
OCT	13	10	18	73
NOV	6	4	3	19
DEC	19	8	38	90
YEAR	179	4	38	90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR	90	15	15	0	0	0	0	120
APR	24	105	140	2	0	0	0	271
MAY	259	175	30	0	0	0	0	464
JUN	137	167	92	1	0	0	0	397
JUL	288	133	50	0	0	0	0	471
AUG	70	183	250	82	0	0	0	585
SEP	59	169	146	60	58	15	14	521
OCT	26	55	77	54	19	28	40	299
NOV	14	47	13	7	4	5	0	90
DEC	131	68	48	18	7	7	50	349
YEAR	1098	1137	861	224	88	55	104	3567

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
48	0	0.3	1.0	2.2	3.6	7.1	11.8	25.7	41.3	90	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	3	****
28	3	3	1	0	0	0	0	0	1	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	1
29	0	0	0	1	1	2	1	1	2	1	3	2	1	1	0	0	0	0	0	1	1	0	0	0	1
30	0	0	1	3	3	2	0	2	0	0	1	3	3	2	1	0	0	0	0	0	1	3	2	4	1
31	7	8	9	5	0	0	0	1	0	0	3	4	1	4	3	1	0	0	0	1	0	0	2	8	2
MEAN	3	3	3	2	1	1	0	1	1	0	2	3	1	2	1	0	0	0	0	1	1	1	1	3	1

PERCENTAGE OF DATA VALID - 13

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	9	2	1	1	0	0	4	5	4	8	5	1	2	2	1	2	3	4	6	8	11	12	12	5
2	15	12	10	9	8	7	9	16	21	9	16	10	11	3	0	1	1	2	3	3	2	1	0	****	7
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	3	3	3	6	10	11	17	25
10	24	10	4	3	3	3	4	12	31	20	12	9	10	7	6	4	3	4	4	3	5	7	12	12	9
11	5	3	4	3	2	2	3	6	11	9	****	5	4	****	1	1	1	1	1	2	3	4	5	4	4
12	3	2	1	1	1	0	1	1	1	1	0	0	0	1	0	1	2	2	1	1	1	1	2	3	1
13	3	3	4	4	3	1	1	1	3	2	1	1	2	1	1	0	0	1	1	1	2	3	6	6	2
14	5	5	4	3	3	3	3	2	4	4	2	2	2	1	2	1	1	1	1	1	1	2	3	3	2
15	8	10	8	7	7	6	6	6	6	8	8	10	10	****	****	****	****	****	****	****	****	****	****	****	****
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	2	1	1	1	1	1	2	3	****
24	4	4	3	2	2	2	5	9	9	6	4	4	4	3	3	2	2	3	3	2	4	6	4	5	3
25	0	0	0	0	0	0	1	1	1	1	0	0	1	5	8	10	13	14	3	2	4	2	0	0	2
26	5	4	3	2	1	0	1	1	1	0	1	0	0	0	0	0	2	3	4	3	2	2	2	4	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	0	1	1	2
28	3	3	2	1	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****
29	1	0	0	0	0	1	3	4	4	3	2	0	****	****	****	****	****	****	****	****	****	****	****	****	****
30													- DATA MISSING -												
MEAN	7	5	3	3	2	2	3	5	7	5	5	4	4	2	2	2	2	3	2	2	3	4	5	6	4

PERCENTAGE OF DATA VALID - 42

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													DATA MISSING												
2	****	****	****	****	****	****	****	****	****	****	****	4	8	6	3	1	1	1	1	1	3	5	5	4	****
3	6	5	4	3	1	1	2	6	5	6	3	1	6	****	1	2	2	1	1	1	4	2	1	0	3
4	0	0	0	0	0	1	2	3	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5													DATA MISSING												
6	****	****	****	****	****	****	****	****	****	****	****	3	1	1	1	0	1	1	1	2	5	7	9	7	****
7	5	3	2	2	2	3	7	10	9	9	7	4	2	2	2	3	3	3	2	2	2	5	5	5	4
8	4	3	1	0	0	0	2	4	4	2	0	0	0	0	0	0	3	4	5	7	8	6	7	3	3
9	6	4	4	3	3	2	4	6	8	4	3	0	0	0	0	2	4	3	3	9	5	13	9	7	4
10	7	6	4	4	****	****	0	10	10	12	****	****	0	0	1	2	2	0	1	0	0	2	2	1	3
11	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12													DATA MISSING												
13	****	****	****	****	****	****	****	****	****	****	****	5	0	0	2	3	2	3	3	3	5	3	2	1	****
14	0	0	0	0	0	0	2	3	4	6	8	5	3	3	5	11	12	7	7	10	5	1	0	1	4
15	1	0	0	0	0	0	0	2	2	4	4	1	0	0	1	12	2	2	1	1	0	0	0	0	1
16	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	4	8	11	1
17	11	10	7	2	0	0	0	1	3	2	0	0	0	0	0	0	1	2	1	0	****	****	****	****	2
18													DATA MISSING												
19													DATA MISSING												
20													DATA MISSING												
21													DATA MISSING												
22													DATA MISSING												
23	****	****	****	****	****	****	****	****	****	****	****	4	4	6	5	6	7	7	7	8	10	21	16	11	****
24	8	8	10	10	5	5	11	19	27	19	16	15	19	12	6	7	11	10	10	12	20	26	38	34	15
25	23	27	34	26	15	16	14	16	12	10	5	2	9	6	4	4	4	4	4	6	7	14	18	12	12
26	12	11	11	9	10	8	3	11	5	4	1	5	3	0	0	0	0	0	2	4	7	6	6	5	5
27	5	5	4	4	3	3	3	****	4	****	5	****	****	2	2	3	4	6	9	9	8	7	3	3	5
28	1	2	3	3	3	4	3	6	4	5	2	5	3	4	3	4	13	9	4	3	4	7	7	7	5
29	4	4	5	7	6	7	8	10	14	8	3	4	5	10	5	7	16	16	9	9	16	16	14	15	9
30	14	11	7	2	1	2	10	8	7	****	****	****	5	5	5	4	5	8	6	8	8	4	4	4	6
31	4	4	4	4	4	4	6	9	11	5	6	5	11	6	5	9	8	5	6	14	8	8	9	8	7
MEAN	6	5	6	4	3	3	4	7	8	6	4	3	4	3	2	3	5	4	4	5	6	8	8	7	

PERCENTAGE OF DATA VALID - 60

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	7	7	5	5	5	4	3	1	****	****	****	****	DATA MISSING	DATA MISSING	****	****	****	****	****	****	****	****	****	****	
2	****	****	****	****	****	****	7	8	12	14	16	****	3	2	2	3	1	4	8	14	14	14	14	14	9	
3	10	7	7	7	7	10	16	18	7	7	8	15	19	17	17	12	11	9	17	23	29	28	35	35	15	
4	30	28	26	24	20	22	25	31	****	2	9	34	26	22	20	12	10	14	20	22	26	27	28	28	22	
5	27	24	19	15	14	14	18	****	****	3	3	1	0	7	14	11	5	1	5	7	9	8	7	9	10	
6	9	9	8	8	6	6	9	14	5	0	1	2	2	3	4	3	1	1	1	2	5	7	12	5	7	
7	16	16	14	11	9	6	5	3	3	3	3	2	3	3	2	2	3	3	4	5	4	3	3	5	7	
8	4	3	3	4	5	12	17	9	6	5	3	3	4	4	6	5	4	7	12	8	9	11	15	18	7	
9	16	15	10	6	4	7	5	****	****	****	****	****	****	****	3	1	2	3	4	5	3	****	****	****	****	
10	****	****	****	****	****	0	1	0	2	4	5	0	0	0	5	5	5	5	6	10	9	9	8	7	4	
11	5	4	0	1	1	3	8	17	8	0	4	6	****	****	****	24	36	40	23	27	28	39	18	15	14	
12	14	12	10	10	9	10	16	34	31	****	****	12	8	9	27	11	17	14	23	24	20	17	16	16	16	
13	15	14	14	11	10	10	11	17	16	10	****	8	5	4	5	4	3	4	6	12	11	16	20	17	11	
14	11	6	5	3	4	5	4	3	2	2	3	1	0	0	1	2	2	5	12	18	17	15	7	5	7	
15	6	5	4	4	4	8	15	10	5	1	0	0	0	0	1	0	0	1	3	3	4	7	8	4	4	
16	7	6	6	5	5	10	14	12	4	****	****	3	3	3	4	4	7	9	14	14	11	11	7	8	8	
17	6	7	3	3	6	9	4	7	8	8	8	7	5	4	11	10	8	11	14	15	17	11	9	7	8	
18	4	3	3	4	4	4	6	3	4	6	****	5	5	3	2	3	4	2	3	4	7	9	6	5	4	
19	4	4	3	0	0	2	5	0	3	1	0	0	0	0	0	0	0	0	2	4	8	11	10	14	3	
20	15	15	15	14	11	11	8	1	5	6	4	5	1	5	5	6	7	7	8	10	9	9	11	8	8	
21	8	6	4	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
22	4	4	****	1	2	4	8	9	8	4	1	1	11	11	10	11	18	19	18	17	16	16	18	16	10	
23	15	11	9	7	5	6	10	20	28	23	19	9	8	5	5	6	9	****	****	****	****	****	****	****	11	
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
31	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	4	5	5	8	12	12	14	11	****
MEAN	11	10	9	7	6	8	9	11	8	6	5	6	5	5	7	7	7	7	9	12	13	13	13	13	9	

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	1	0	0	2	7	9	7	2	0	****	****	****	****	****	****	****	3	9	19	20	20	19	8
2	19	17	14	7	5	5	****	****	****	****	****	****	****	17	14	16	17	16	12	12	12	12	14	17	13
3	16	10	18	7	8	11	14	17	19	19	16	12	11	11	16	17	19	18	18	22	18	17	15	12	15
4	10	10	9	10	9	9	10	11	11	****	****	****	****	1	0	0	1	2	2	****	****	****	****	****	6
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	7	9	9	8
6	6	4	2	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	7	8	7	7	7
7	7	7	6	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	3	4	3	3	0	0	3	8	9	7	10	11	12	14	14	8	3	7
9	2	1	****	****	****	****	****	****	****	****	3	3	2	5	5	7	7	5	7	8	8	7	6	4	5
10	3	3	2	2	2	3	3	3	3	2	3	2	0	0	0	0	****	****	****	****	****	****	****	****	2
11	****	****	****	****	****	****	****	5	4	****	2	3	3	2	2	2	2	3	6	8	7	8	8	5	4
12	4	7	5	4	3	5	4	8	5	2	4	****	****	****	****	****	****	****	2	3	5	6	5	4	4
13	6	7	4	2	****	****	****	****	****	****	****	****	****	3	3	3	3	4	5	6	5	5	5	4	****
14	3	2	2	1	2	4	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	3	3	3	3	3	3	3	3	2	2	2	2	3	2	1	2	2	2	2	2	3	3	2	3	****
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	9	7	7	7	7	7	11	16	16	5	4	4	5	5	5	3	4	5	6	6	5	5	6	6	7
MEAN	7	6	6	4	4	5	8	8	8	5	4	4	3	5	5	6	7	7	6	8	9	9	9	8	7

PERCENTAGE OF DATA VALID - 35

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	3	4	5	11	12	7	5	4	5	****	3	4	4	5	11	19	15	12	5	2	7
2	2	3	3	2	2	2	5	7	7	****	****	****	****	2	2	3	3	3	4	4	1	1	1	2	3
3	4	6	6	6	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	9	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	8	2	1	1	1	1	2	5	12	8	****	3	3	3	3	4	5	5	7	9	10	14	16	16	6
17	16	14	15	14	12	12	12	16	19	19	12	10	9	10	8	8	10	11	16	23	24	28	30	14	15
18	8	6	6	6	5	4	5	6	6	5	5	5	5	5	5	5	6	7	6	6	7	6	5	9	6
19	9	8	7	7	7	7	10	22	27	14	****	3	3	3	4	5	5	6	9	8	10	16	26	27	11
20	20	15	19	16	12	12	18	30	37	6	7	5	7	8	6	6	7	8	8	7	8	10	6	6	12
21	3	4	3	2	2	2	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	2	2	2	2	2	1	3	4	4	2	2	2	2	1	1	11	17	18	18	16	22	20	26	26	9
24	22	14	5	6	6	5	6	4	6	7	4	7	3	2	2	2	7	10	19	22	31	50	55	48	14
25	7	5	3	1	1	1	1	2	3	1	0	1	1	2	1	2	2	5	16	25	16	2	0	3	3
26	5	2	2	1	1	1	3	5	9	7	****	****	****	****	****	4	6	6	5	4	5	2	4	4	3
27	3	2	2	2	2	3	3	4	2	3	2	2	2	2	2	3	3	3	3	3	3	4	3	3	3
28	2	1	1	1	2	2	3	6	5	5	****	****	****	****	****	4	5	6	6	8	6	5	7	6	4
29	5	4	3	2	2	2	4	7	4	4	4	4	4	6	7	10	9	6	6	5	5	4	5	4	5
30	5	5	4	5	6	6	7	10	10	9	9	10	12	12	14	15	16	15	11	11	8	7	8	6	9
31	****	****	6	5	5	5	6	7	7	8	7	7	8	8	8	14	16	17	16	12	11	9	5	5	9
MEAN	8	6	5	5	4	4	6	9	11	7	5	5	5	5	5	6	7	8	10	11	11	12	12	12	8

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAKST NO 34002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	5	4	3	2	3	2	2	3	4	4	5	5	6	6	5	5	3	3	3	5	5	4	4
2	2	2	2	1	1	2	2	3	5	7	8	****	****	4	4	6	8	11	19	19	19	22	22	22	9
3	5	4	3	3	3	4	5	8	8	5	5	4	3	3	3	3	4	11	10	11	7	4	4	6	5
4	4	4	3	2	2	2	2	8	12	11	9	****	10	9	7	6	8	9	10	8	7	7	9	9	7
5	****	7	6	4	1	0	0	3	4	3	1	1	1	1	3	5	4	4	3	2	5	7	9	11	4
6	15	15	9	5	3	1	4	4	4	4	7	7	5	4	4	5	3	4	6	8	5	4	3	2	5
7	3	6	6	6	5	6	5	5	5	2	2	2	2	1	2	5	4	4	4	4	4	4	4	4	4
8	8	12	10	8	8	8	8	6	6	3	2	2	2	2	2	2	2	4	5	3	3	7	10	10	6
9	10	12	11	11	9	9	9	12	9	7	6	5	4	3	3	6	8	7	6	5	4	8	10	6	8
10	8	10	8	8	8	6	5	7	7	5	5	7	8	5	5	7	6	6	6	5	4	4	4	5	6
11	7	5	5	5	5	5	4	6	8	6	4	1	****	****	****	****	****	****	****	****	****	****	****	****	****
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	10	12	9	9	9	8	8	8	****
17	7	7	7	7	8	8	8	13	17	16	15	11	9	9	9	10	11	22	31	27	23	22	23	12	14
18	9	****	24	13	7	5	4	5	5	4	4	3	3	4	4	5	7	8	8	9	8	5	5	3	7
19	4	5	5	5	5	5	6	10	11	9	8	9	9	8	8	9	11	16	15	12	9	16	22	24	10
20	8	3	2	1	3	4	4	4	5	5	7	5	10	7	6	3	2	2	4	5	3	2	1	****	4
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	4	1	5	8	18	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	3	****
23	2	1	1	1	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	3	2	2	2
24	2	2	2	2	2	2	1	1	1	1	1	4	4	4	5	4	4	4	5	5	4	4	4	4	3
25	4	3	4	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
26	3	3	3	3	2	3	3	1	1	1	1	1	2	1	3	3	2	****	****	****	****	****	****	****	2
27												-	DATA MISSING	-											
28												-	DATA MISSING	-											
29												-	DATA MISSING	-											
30	1	2	2	2	2	2	3	3	3	3	3	3	27	19	7	4	5	7	16	26	25	28	34	31	11
MEAN	6	6	6	5	4	4	4	5	6	5	5	4	6	5	4	5	5	7	8	8	7	8	9	9	6

PERCENTAGE OF DATA VALID - 67

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	5	1	2	9
JUN	16	4	9	31
JUL	23	5	15	38
AUG	24	9	22	40
SEP	18	7	15	22
OCT	23	8	15	55
NOV	23	6	14	34
YEAR	132	6	22	55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	DATA MISSING							
FEB	DATA MISSING							
MAR	DATA MISSING							
APR	DATA MISSING							
MAY	70	21	4	4	0	0	0	99
JUN	117	85	53	30	12	7	4	308
JUL	121	86	116	76	21	22	9	451
AUG	55	73	112	102	37	82	36	497
SEP	20	75	58	54	15	34	1	257
OCT	25	95	133	75	19	41	23	411
NOV	36	145	151	99	20	14	18	483
YEAR	444	580	627	440	124	200	91	2506

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
48	0	0.6	2.1	3.9	6.7	13.9	18.1	25.4	28.9	55	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH APR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	****	****	****	****	****	****	****	****	2	2	1	1	1	1	1	1	1	1	1	1	1	****	****	****	****
7	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	2	3	2	2	****
8	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	4	3	3	2	3	2
9	3	2	1	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
11	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
15	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	1	1	1	1	1
16	1	1	2	1	1	1	1	1	2	2	5	7	7	7	8	8	9	8	8	8	7	7	7	7	5
17	7	6	6	7	5	5	5	6	7	7	6	5	5	4	2	1	1	1	1	1	1	2	2	1	4
18	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
20	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	3	4	3	2	1	2	1
23	1	0	0	0	0	0	0	0	0	0	0	6	2	2	1	1	1	1	1	2	2	3	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26																									
27																									
28																									
29	****	****	****	****	****	****	****	****	****	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	****
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0
3	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
4	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	2	2	2	3	4	4	3	3	1
7	2	2	3	3	3	3	4	4	3	2	2	2	2	2	2	3	3	5	4	6	6	6	6	4	4
8	6	6	5	6	6	7	8	7	7	7	8	9	10	9	9	9	12	12	12	12	11	9	8	9	9
9	7	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8	8	8	8	7	6	6	7
10	6	6	6	5	5	5	6	6	8	9	10	10	11	10	9	8	8	8	11	11	8	10	10	10	8
11																									
12																									
13																									
14																									
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26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	3	2	1	1	0	0	0	****
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	3	2	1	1	0	0	0	2

PERCENTAGE OF DATA VALID - 1

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												-	DATA MISSING	-											
2												-	DATA MISSING	-											
3												-	DATA MISSING	-											
4												-	DATA MISSING	-											
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18												-	DATA MISSING	-											
19												-	DATA MISSING	-											
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25	****	****	****	****	****	****	****	****	****	****	****	9	8	8	9	6	6	9	9	7	7	6	5	5	****
26	4	4	3	2	4	5	7	6	6	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27												-	DATA MISSING	-											
28	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	3	3	3	4	5	5	4	4	****
29	3	2	2	1	1	2	3	3	3	2	2	2	2	2	3	5	7	5	5	5	6	6	6	8	4
30	9	8	7	6	5	5	6	7	7	7	9	10	12	14	13	18	17	12	6	3	3	3	3	2	8
31	2	2	2	2	2	3	5	5	3	3	2	3	3	3	3	3	3	3	3	4	5	5	5	5	3
MEAN	5	4	4	3	3	4	5	5	5	3	3	6	6	6	6	7	7	6	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	5	5	5	3	3	0	0	0	0	0	1	1	1	2	2	3	2	2	2
2	2	2	1	2	2	2	2	4	7	9	9	10	9	8	9	10	11	9	8	6	7	6	5	6	6
3	6	5	4	4	3	4	5	5	5	6	6	5	5	5	4	4	3	3	2	2	2	1	1	1	4
4	1	0	***	***	***	***	***	***	***	***	***	***	***	***	2	2	3	3	3	4	4	4	3	3	***
5	3	4	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	4	4	4	3
6	4	3	3	2	1	1	2	2	2	2	2	2	1	1	4	9	10	12	12	14	11	6	6	8	5
7	7	5	4	5	5	4	5	4	4	5	6	6	7	7	8	9	9	10	10	9	7	7	7	7	7
8	6	4	4	3	4	5	7	9	8	8	8	8	7	7	8	7	7	7	7	6	5	3	3	2	6
9	1	1	1	1	0	***	***	***	***	***	***	***	***	***	3	4	4	4	1	1	0	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	3	3	1	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	1	2	2	3	5	6	9	12	7	***
12	5	4	3	4	4	5	6	13	10	9	7	7	7	6	6	6	7	7	7	7	6	6	5	5	6
13	5	6	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
14	2	1	1	1	2	2	3	4	3	2	2	2	2	2	2	2	2	2	1	1	1	0	0	0	2
15	0	0	0	0	0	0	0	***	***	***	***	6	9	7	7	8	7	6	5	4	4	3	3	3	4
16	3	3	2	2	2	1	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	1
17	2	1	2	3	3	2	3	5	6	6	6	3	8	11	10	7	10	8	7	5	4	3	2	2	5
18	1	1	1	1	2	3	6	7	6	4	3	3	4	3	3	2	2	3	3	2	2	2	2	2	3
19	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	0	***	***	***	***	***	***	1
20	- DATA MISSING -																								
21	***	***	***	***	***	***	***	***	***	***	1	8	***	***	10	16	18	13	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	2	27	28	7	8	9	4	4	4	4	5	5	5	7	4	***
23	3	4	4	4	4	4	5	7	6	4	4	3	4	22	29	9	7	25	38	21	40	41	41	37	15
24	26	15	9	8	9	21	50	63	46	33	36	38	42	43	49	57	63	71	54	45	44	22	24	19	37
25	16	8	6	3	4	6	15	18	12	0	1	1	2	1	1	2	3	3	4	5	16	14	15	13	7
26	11	8	4	2	1	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	- DATA MISSING -																								
28	***	***	***	***	***	***	***	***	***	1	1	1	2	2	2	2	3	2	2	3	2	1	1	0	***
29	0	0	0	0	0	1	4	6	5	2	5	2	4	2	3	11	17	30	25	25	23	36	30	28	11
30	16	14	10	11	14	24	24	17	10	5	4	2	2	2	3	3	3	4	4	4	3	4	3	3	8
MEAN	5	4	3	3	3	4	7	9	7	5	6	6	6	6	7	7	8	9	9	8	8	8	8	7	6

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	2	3	6	7	5	3	2	4	3	8	21	25	17	19	37	40	32	31	21	14	13
2	9	9	11	8	6	17	39	42	26	15	8	21	24	29	35	37	24	38	37	27	10	7	9	6	21
3	4	7	8	8	7	13	19	12	8	4	3	2	4	2	3	3	9	7	3	4	6	3	3	3	6
4	3	4	3	3	3	3	3	3	5	5	4	3	3	3	3	3	3	3	3	4	9	16	17	7	5
5	5	4	4	4	4	6	12	17	26	23	17	14	13	14	16	22	23	22	20	14	12	11	11	11	14
6	8	6	6	6	7	9	13	7	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
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16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	5	5	6	5	5	9	15	15	12	10	7	9	9	11	16	18	15	18	20	18	14	14	12	8	11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	5	5	6	2	1	0	0	2	2	1	0	0	3	3	1	1	4	6	7	5	5	5	8	10	****
6	6	4	7	9	6	****	****	****	****	****	****	****	11	21	31	29	35	45	37	30	24	20	18	20	21
7	20	11	7	3	1	2	2	4	4	2	1	1	1	1	1	1	2	4	6	4	5	4	4	5	4
8	12	10	8	6	5	4	3	3	6	14	15	13	15	20	25	26	36	47	54	58	66	68	56	26	25
9	23	18	9	6	6	10	28	48	70	42	****	17	30	30	34	38	53	60	43	34	29	19	20	20	30
10	18	11	6	4	3	3	7	28	49	42	29	21	17	18	23	25	33	41	41	38	34	26	34	37	25
11	38	32	26	24	20	19	20	21	22	11	8	30	43	42	38	41	52	56	42	19	28	7	5	4	27
12	11	5	1	1	0	0	0	1	2	2	1	1	1	1	1	1	2	3	2	2	2	1	1	1	2
13	1	****	****	****	****	****	****	****	****	****	****	****	1	1	3	3	3	4	4	5	3	3	3	2	2
14	2	2	1	1	1	1	1	1	2	2	3	3	4	4	4	5	4	4	4	4	4	2	2	2	2
15	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	4	3	3	2	2	2	2	2	2	2
16	2	1	1	1	2	3	12	35	34	25	12	6	8	14	13	16	26	31	22	17	14	10	10	7	13
17	5	3	3	3	3	3	4	6	****	****	****	4	5	4	4	4	5	10	13	24	49	53	49	37	14
18	33	29	21	16	15	13	22	52	69	38	25	21	18	17	19	22	32	44	43	41	34	24	17	16	28
19	13	9	7	6	9	9	13	36	57	48	35	33	33	28	27	32	44	60	65	50	41	39	53	48	33
20	29	16	8	6	4	3	6	15	24	25	21	20	****	16	20	21	23	32	25	23	22	14	8	6	17
21	3	1	1	0	0	0	0	1	1	1	1	1	1	1	4	5	8	8	7	5	7	20	20	19	5
22	33	43	45	28	11	7	7	5	7	10	12	16	19	25	28	27	26	17	10	2	3	4	4	3	16
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	14	12	9	7	5	5	8	16	22	17	11	11	12	13	15	16	21	25	23	19	20	17	17	14	15

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3	24	30	19	16	10	7	13	33	84	79	47	23	48	67	71	71	73	76	72	61	41	33	27	24	44
4	22	16	15	12	11	11	6	6	5	5	****	****	1	1	1	1	1	2	2	2	2	2	5	5	6
5	4	4	5	4	4	7	6	10	18	24	31	27	22	21	21	19	22	21	19	9	3	2	2	2	13
6	2	2	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1
8	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9																									
10																									
11																									
12																									
13																									
14																									
15	****	****	****	****	****	****	****	****	****	****	****	****	20	54	49	49	57	65	50	43	32	27	24	19	****
16	14	6	3	1	1	1	6	20	29	28	24	23	26	25	22	27	44	23	10	6	4	3	3	3	15
17	2	0	0	0	0	0	5	30	44	7	5	5	3	3	3	4	4	3	3	5	5	5	3	0	6
18	****	****	****	****	****	****	17	49	66	51	27	23	11	12	13	37	45	44	35	29	26	19	16	12	30
19	14	14	13	8	5	4	9	20	24	27	27	17	8	1	1	0	0	0	****	****	****	****	****	****	11
20																									
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	9	12	6	15	12	8	7	6	4	****
22	4	2	2	2	1	2	3	7	8	12	10	11	7	2	2	2	2	2	3	3	3	2	2	2	4
23	3	2	2	2	2	3	4	8	11	11	11	12	13	10	12	15	17	17	15	15	15	12	9	4	9
24	4	7	4	2	2	2	3	7	7	2	2	2	3	3	3	4	4	5	5	9	20	27	15	8	6
25	10	6	6	6	4	4	4	4	5	7	6	7	4	4	12	22	23	15	11	9	9	10	9	9	6
26	7	7	6	8	6	5	4	5	7	10	15	10	10	6	4	4	4	4	5	6	6	7	5	5	6
27	5	10	11	9	6	6	6	5	5	5	5	5	6	5	6	6	6	6	6	6	6	7	6	6	6
28	6	6	6	6	6	10	10	10	11	10	10	10	9	9	10	10	11	12	13	12	12	11	11	10	10
29	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	3	6	5	6	6	4	1	2	****
30	2	2	2	2	1	2	2	3	4	4	3	2	1	0	0	1	3	6	7	7	6	4	6	6	3
31	5	5	5	5	4	3	2	2	4	4	3	4	4	7	8	18	17	11	6	3	2	5	2	3	6
MEAN	7	7	6	5	4	4	6	12	19	16	13	11	10	12	12	14	17	16	14	12	10	9	8	6	11

PERCENTAGE OF DATA VALID - 61

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - D.O.H. BATHURST & WILSON
POLLUTANT - NITROGEN OXIDES -SALTZMAN

NO 34007

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	22	1	5	9
MAY	10	3	9	12
JUN		DATA MISSING		
JUL	1	2	0	3
AUG	6	5	8	18
SEP	28	6	37	71
OCT	6	11	21	42
NOV	19	15	33	70
DEC	22	11	44	84
YEAR	114	7	44	84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - D.O.H. BATHURST & WILSON NO 34007

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN		DATA MISSING						
FEB		DATA MISSING						
MAR		DATA MISSING						
APR	404	58	18	17	0	0	0	497
MAY	135	22	40	35	8	0	0	240
JUN		DATA MISSING						
JUL	5	6	0	0	0	0	0	11
AUG	5	43	35	19	3	3	0	108
SEP	106	170	126	78	13	16	39	548
OCT	0	33	25	22	10	15	24	129
NOV	67	72	66	36	17	43	124	425
DEC	60	93	114	57	33	31	67	455
YEAR	782	497	424	264	84	108	254	2413

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
41	0	0.3	0.9	2.6	5.9	20.8	32.7	47.4	56.3	84	7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION													
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003													MONTH APR 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5													- DATA MISSING -													
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8													- DATA MISSING -													
9													- DATA MISSING -													
10													- DATA MISSING -													
11													- DATA MISSING -													
12													- DATA MISSING -													
13													- DATA MISSING -													
14													- DATA MISSING -													
15													- DATA MISSING -													
16													- DATA MISSING -													
17													- DATA MISSING -													
18													- DATA MISSING -													
19													- DATA MISSING -													
20													- DATA MISSING -													
21													- DATA MISSING -													
22													- DATA MISSING -													
23													- DATA MISSING -													
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28	5	5	4	3	4	2	3	8	4	4	10	11	10	9	10	12	11	11	11	9	9	8	9	10	8	
29	8	4	12	***	5	5	6	7	7	9	10	11	9	9	15	12	15	10	32	55	10	10	10	10	12	
30	9	***	***	4	4	7	10	10	5	18	***	9	12	12	16	17	19	20	23	23	19	17	22	16	14	
MEAN	7	5	8	4	4	5	6	8	5	10	10	10	10	10	14	14	15	14	22	29	13	12	14	12	11	
PERCENTAGE OF DATA VALID - 9																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - NITROGEN OXIDES -SALTZMAN													UNITS - PARTS PER HUNDREDMILLION													
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003													MONTH MAY 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	16	12	10	9	9	10	9	10	9	9	8	8	8	8	9	9	8	7	7	11	5	7	7	8	9	
2	7	6	6	4	5	15	15	6	3	3	3	4	3	5	5	5	5	4	5	4	4	5	4	5	5	
3	4	5	4	4	3	4	3	4	3	3	5	6	5	6	5	7	8	8	9	8	6	8	7	8	6	
4	9	9	9	9	9	9	10	12	15	15	10	9	9	9	9	****	****	5	5	5	5	5	5	6	8	
5	7	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
6													-	DATA MISSING	-											
7													-	DATA MISSING	-											
8													-	DATA MISSING	-											
9													-	DATA MISSING	-											
10													-	DATA MISSING	-											
11													-	DATA MISSING	-											
12													-	DATA MISSING	-											
13													-	DATA MISSING	-											
14													-	DATA MISSING	-											
15													-	DATA MISSING	-											
16													-	DATA MISSING	-											
17													-	DATA MISSING	-											
18													-	DATA MISSING	-											
19													-	DATA MISSING	-											
20													-	DATA MISSING	-											
21													-	DATA MISSING	-											
22													-	DATA MISSING	-											
23													-	DATA MISSING	-											
24													-	DATA MISSING	-											
25													-	DATA MISSING	-											
26													-	DATA MISSING	-											
27													-	DATA MISSING	-											
28													-	DATA MISSING	-											
29													-	DATA MISSING	-											
30													-	DATA MISSING	-											
31													-	DATA MISSING	-											
MEAN	9	8	7	7	7	10	9	8	8	8	7	7	6	7	6	7	7	6	7	7	5	6	6	7	7	
PERCENTAGE OF DATA VALID - 12																										

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	22	17	16	15	15	15	15	8	7	6	6	7	7	7	7	8	10	10	11	13	15	15	16	14	12
2	12	10	6	6	5	6	7	5	5	5	5	5	5	5	5	6	6	7	9	10	15	17	16	11	8
3	10	8	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	8	8	8	6
4	6	5	4	4	3	4	5	6	6	7	5	****	6	10	10	10	12	17	19	23	25	33	35	32	12
5	24	14	16	14	14	14	15	14	24	27	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	1	2	3	4	4	3	3	****
22	2	2	2	1	1	1	1	2	4	9	8	5	3	4	5	7	6	9	9	8	8	8	7	8	5
23	8	8	6	4	4	2	3	2	3	3	2	3	3	4	6	5	7	6	6	10	14	10	9	10	6
24	8	7	6	6	7	7	7	7	7	7	6	6	7	****	5	5	8	9	9	7	3	2	2	****	6
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	5	5	7	8	5	7	****
26	5	2	1	2	1	3	4	6	7	6	6	6	7	10	10	9	5	9	9	9	7	8	7	7	6
27	6	5	5	7	5	3	3	5	5	4	4	4	5	****	6	8	7	7	8	11	9	9	9	7	6
28	5	5	4	3	2	2	4	5	3	2	2	3	3	4	4	4	4	8	14	14	14	12	11	11	6
29	7	6	5	5	4	6	7	8	8	9	7	7	9	11	14	18	23	20	14	7	6	5	4	5	9
30																									
31	5	3	3	2	3	6	8	8	5	1	0	0	1	1	1	2	1	1	1	0	0	0	0	0	2
MEAN	9	7	6	6	5	6	6	6	7	7	5	4	5	6	6	7	7	8	9	9	10	10	9	9	7

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENPORTH RD ETOBICOKE NO 35003

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	4	4	4	3	3	2	1
2	3	2	2	2	2	2	2	2	3	4	4	8	8	8	8	8	10	9	9	9	8	8	8	8	6
3	8	8	5	5	7	7	5	6	7	9	8	7	8	9	14	15	15	18	17	16	14	11	5	5	10
4	5	5	4	4	5	4	5	5	4	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5												-	DATA MISSING	-											
6												-	DATA MISSING	-											
7												-	DATA MISSING	-											
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11												-	DATA MISSING	-											
12												-	DATA MISSING	-											
13												-	DATA MISSING	-											
14												-	DATA MISSING	-											
15												-	DATA MISSING	-											
16												-	DATA MISSING	-											
17												-	DATA MISSING	-											
18												-	DATA MISSING	-											
19												-	DATA MISSING	-											
20												-	DATA MISSING	-											
21												-	DATA MISSING	-											
22												-	DATA MISSING	-											
23												-	DATA MISSING	-											
24												-	DATA MISSING	-											
25												-	DATA MISSING	-											
26												-	DATA MISSING	-											
27												-	DATA MISSING	-											
28												-	DATA MISSING	-											
29												-	DATA MISSING	-											
30												-	DATA MISSING	-											
MEAN	4	4	3	3	4	3	3	3	4	4	4	5	5	6	8	8	9	10	10	10	9	7	5	5	

PERCENTAGE OF DATA VALID - 11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16	****	****	****	****	****	****	****	****	****	****	****	****	2	2		2	2	2	2	2	3	3	3	3	****
17	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18												- DATA MISSING -													
19												- DATA MISSING -													
20	****	****	****	****	****	****	****	****	****	****	2	3	3	3	4	6	5	5	5	5	5	3	3	2	****
21	1	1	1	1	1	1	2	2	2	1	2	2	3	3	3	4	4	3	3	3	2	2	2	2	2
22	1	0	0	0	0	0	0	1	2	1	1	0	****	****	****	5	6	6	5	5	5	5	4	2	2
23	5	4	4	3	3	4	5	7	7	6	7	7	****	****	****	****	****	****	****	****	****	****	****	****	****
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	3	2	2	1	1	2	2	3	4	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	6	6	6	****
14	6	6	6	5	5	5	5	5	4	****	****	****	****	****	****	6	6	6	6	6	6	6	6	6	6
15	6	6	6	6	6	6	6	6	6	6	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16													- DATA MISSING -												
17	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	3	4	5	5	6	5	4	****
18	2	2	1	1	2	2	3	1	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19													- DATA MISSING -												
20	****	****	****	****	****	****	****	****	****	****	****	3	3	2	2	2	2	****	****	****	****	****	****	****	****
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27	****	****	6	6	6	7	7	8	11	10	9	6	7	7	8	7	5	4	****	****	****	****	****	7	7
28	****	****	****	****	****	6	6	6	6	6	5	5	4	****	****	****	****	****	****	****	****	****	****	****	****
29	7	7	7	7	6	5	****	****	****	****	****	6	6	7	7	8	9	8	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	8	7	6	6	5	****	****	****	****	****	****	****	****	****	****
MEAN	5	5	5	5	5	5	5	5	6	6	6	5	5	4	5	5	5	5	5	6	6	6	6	6	5

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	1	0	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	4	4	4	4	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	2	3	2	1	1	2	2	2	3	1	1	3	0	2	2	2	2	2	2	3	3	3	3	3	3
9	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10																									
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	5	4	3	3	2	3	8	8	8	8	8	7	9	6	6	5	6	6	5	3	4	4	4	4	****
13	3	5	6	1	0	0	1	2	2	2	2	2	0	2	2	3	7	8	8	7	5	4	3	3	6
14	4	4	5	5	3	3	4	4	5	6	5	1	0	0	1	3	3	5	6	4	4	3	1	4	3
15	7	7	7	4	3	4	5	6	8	10	10	12	12	****	****	11	8	8	8	8	8	6	3	2	7
16	1	1	0	1	1	3	2	3	4	4	3	2	3	3	6	8	5	7	5	2	3	2	4	4	3
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	3	4	4	3	2	3	4	4	5	5	5	4	4	3	3	4	4	4	5	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 27

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN				
FEB				
MAR				
APR	3	11	14	55
MAY	5	7	9	16
JUN				
JUL				
AUG	15	7	12	35
SEP	4	5	10	18
OCT	6	3	2	7
NOV	10	5	7	11
DEC	13	4	7	12
YEAR	56	6	14	55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - NITROGEN OXIDES -SALTZMAN
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003
UNIT - PARTS PER HUNDREDMILLION

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN								
FEB								
MAR								
APR	0	3	13	27	10	10	5	68
MAY	0	8	39	41	3	5	0	96
JUN								
JUL								
AUG	26	41	109	94	10	31	10	321
SEP	16	16	20	23	1	7	0	83
OCT	18	36	26	4	0	0	0	84
NOV	9	13	61	23	1	0	0	107
DEC	40	70	69	26	3	0	0	208
YEAR	109	187	337	238	28	53	15	967

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
18	0	0.9	2.9	4.6	6.5	10.0	14.4	18.4	22.8	55	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	2	1	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	2
3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	3	2	2	2
4	2	2	2	2	2	2	2	1	1	1	1	0	0	1	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	0	0	0	2	2	2	2	0	0	0	0	2	1	1	1	2	3	2	2	2	2	2	2	1
9	2	2	1	0	0	0	0	0	0	0	0	0	1	1	0	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	1	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	6	6	6	3
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	0	0	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2
21	1	1	0	1	1	2	2	2	2	2	1	0	0	0	0	0	1	2	2	0	0	1	2	2	1
22	3	2	3	2	3	2	2	2	4	4	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2
23	2	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	3	2	2	2	2	2	2	1
24	2	2	0	0	0	0	2	2	3	3	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2
25	- DATA MISSING -																								
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	0	0	0	0	0	0	0	0	0	3	3	2	2	0	2	0	2	2	2	2	2	2	0	0	1
28	0	0	0	0	0	0	0	0	2	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	3	3	3	3	3	3	1
30	3	3	3	3	2	2	2	2	3	5	3	3	3	3	3	0	0	2	2	2	2	2	1	1	2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	1
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	0	0	0	1	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	6	7	7	6	5	4	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7	6	6	6	6	6	6	6	3	2	2	2	1	1	3	2	2	2	2	2	2	2	2	2	2	2
8	2	2	0	0	2	2	4	2	2	2	4	3	3	2	4	4	4	7	6	6	8	6	4	4	3
9	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	5	6	6	5	6	7	7	7	7	4
10	7	6	5	4	3	4	4	4	4	2	2	3	3	3	3	3	3	1	1	1	1	1	1	1	3
11	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	1	1	0	1	0	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	1
13	3	3	3	2	2	2	2	3	2	1	1	2	1	1	2	2	3	3	3	3	4	3	3	3	2
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	5	5	4	4	3
18	4	3	2	2	0	0	2	3	3	2	3	0	2	0	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2
20	2	2	0	0	0	0	2	2	2	2	2	0	0	0	0	2	2	2	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	2	3	2	4	4	4	4	4	2	1	4	4	4	4	4	4	4	4
24	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	4	4	3	2	1	0	0	0	0
25	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	8	6	6	7	9	4
26	6	9	5	4	6	6	8	8	7	7	7	7	7	7	7	8	9	8	7	6	6	7	8	8	6
27	9	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28	6	6	3	2	2	2	2	2	0	0	0	0	0	2	2	2	3	4	4	4	4	3	3	3	3
MEAN	3	3	3	2	2	2	3	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	7	7	7	8	8	7	***	6	6	3	2	2	1	1	1	2	2	2	4	6	6	8	5
2	4	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	3	2	5	4	4	4	3	
3	4	4	4	5	5	4	4	5	3	3	3	***	***	2	2	3	3	4	4	4	5	4	2	2	4
4	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	4	3	3	3	3	3	3	3	3	
5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
6	4	4	4	4	4	4	4	3	4	3	2	2	2	2	2	2	3	3	3	4	6	7	4	4	
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
9	3	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	
10	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	4	2	2	
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	2	
12	4	4	4	5	5	3	3	3	4	***	***	***	***	***	***	***	2	2	2	2	2	2	2	2	2
13	3	2	2	2	3	4	4	3	4	2	2	2	2	2	2	0	2	2	3	3	2	2	2	2	
14	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
18	***	***	***	***	***	***	***	***	***	0	2	2	3	2	2	2	***	***	***	***	0	0	***	***	***
19	5	5	6	6	6	7	4	4	4	4	5	5	5	3	2	2	2	4	2	4	4	3	4	5	***
20	6	8	7	6	5	4	4	4	4	3	3	3	4	3	3	5	5	6	5	2	4	4	4	4	5
21	4	3	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	2	3	3	4	4	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
23	3	3	3	4	4	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
24	3	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
30	3	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
31	3	4	4	5	5	4	4	4	4	2	2	***	***	***	***	***	2	2	2	3	3	3	2	2	3
MEAN	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	1	1	2	2	3	3	1	2	1	1	1	1	1	2	2	2	2	2	3	4	5	2
2	4	3	2	2	2	2	2	2	2	****	1	1	1	2	2	2	2	2	2	2	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
4	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	2	1	1	1	1	2	3	3	3	2
5	3	3	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2
6												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
7												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
8												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
10												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
11												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
12												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
13												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
14												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
15												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
16												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	****
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	0	0	0	0	1
20	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	****	4	5	4	4	5	4	5	5	4	5	4	3	2	2	2	3
22	2	1	1	2	2	2	2	2	1	0	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
23	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	****	****	****	****	****	****	****	****	0
24	****	****	****	****	****	****	****	****	****	****	****	0	1	0	1	1	0	1	1	1	2	2	2	2	****
25	2	2	0	0	0	0	0	0	0	1	1	2	2	2	2	3	2	3	3	3	3	4	2	2	2
26												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
27												-	DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
28	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	2	2	1	0	0	0	0	0	****
29	0	0	0	0	0	0	1	1	1	2	2	1	1	2	2	2	2	1	1	2	3	2	2	1	1
30	1	1	1	0	0	1	****	****	****	1	1	1	1	0	0	1	1	1	1	2	2	1	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	1

PERCENTAGE OF DATA VALID - 50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	1	2	2	2	2	****
12	1	1	1	1	1	1	1	1	1	2	2	2	2	0	****	1	2	2	2	1	1	1	0	0	1
13	0	0	0	0	0	0	0	1	****	1	1	1	1	1	1	1	1	0	0	1	2	2	2	2	1
14	1	1	1	1	2	2	2	2	****	1	2	2	2	3	3	3	3	4	4	4	4	4	3	3	3
15	3	2	2	2	2	0	0	0	0	****	2	2	2	3	3	3	3	4	4	4	3	3	4	3	3
16	2	2	2	2	2	1	2	1	2	1	0	1	1	1	1	1	1	1	1	2	2	1	1	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
19	2	2	2	3	3	3	2	****	1	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****
20													- DATA MISSING -												
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	0	0	0	0	0	0	0	****
22	0	0	0	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	0	1	2	3	2	3	1
23	2	1	2	1	1	1	1	****	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1
24	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1
25	1	0	0	0	1	1	2	****	6	****	2	1	****	3	2	1	1	1	1	1	1	1	1	1	1
26	2	2	2	2	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	2
27	2	0	0	0	0	0	0	0	1	1	0	0	1	1	1	2	****	****	****	2	2	3	3	2	2
28	1	1	0	0	0	0	0	****	1	1	1	1	0	1	0	1	1	0	0	1	1	1	1	1	1
29	2	2	2	2	1	1	1	****	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	2	2
30	2	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	****	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	0	0	0	0	3	****	1	2	2	2	2	2	3	3	3	3	3	4	4	4	2
2	4	4	4	2	2	2	2	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2
3	1	1	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	****
18	0	0	0	0	0	0	0	0	0	0	4	3	2	2	2	2	0	2	0	0	0	0	0	0	1
19	0	0	0	0	0	1	0	0	0	1	2	2	2	2	2	0	2	2	2	2	2	2	2	2	1
20	2	2	1	0	0	0	0	0	0	1	2	2	2	3	3	4	4	4	4	4	4	4	4	2	2
21	0	0	0	0	0	0	2	0	2	2	3	4	4	4	4	4	4	4	2	0	0	0	0	0	2
22	0	0	0	0	0	0	1	****	****	1	1	1	2	2	0	1	1	1	1	1	1	2	2	3	1
23	4	3	4	3	3	3	1	3	4	1	0	0	0	0	1	1	0	0	1	1	1	1	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	4	4	2
25	4	2	1	1	1	1	1	0	1	1	1	1	1	1	2	2	3	3	4	4	4	4	2	1	2
26	1	1	1	1	0	0	0	2	2	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2
27	3	2	1	2	1	1	1	1	0	0	1	2	2	2	2	2	3	4	4	3	2	3	3	3	2
28	3	2	2	2	1	1	1	0	0	1	2	2	2	2	3	3	3	3	3	4	4	4	4	4	2
29	3	3	1	1	1	1	1	****	0	1	1	1	1	1	****	****	1	1	1	1	2	2	2	2	1
30	2	2	2	2	2	2	2	2	1	1	1	1	****	1	1	1	2	2	2	2	3	4	4	4	2
MEAN	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	1	0	***	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	1	1	***	2	2	1	1	1	1	***	1	1	1	1	2	2	2	3	4	1
4	4	4	2	1	1	1	1	***	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	1	1	1	1	1	1	***	***	1	1	2	***	2	1	1	1	1	1	3	3	3	3	2
7	3	3	3	3	2	1	1	0	***	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2
8	2	2	2	2	2	2	2	***	3	3	2	2	2	2	2	2	3	3	3	2	3	***	***	***	2
9	***	***	***	***	***	***	***	***	***	0	0	1	2	2	2	3	4	0	0	0	0	0	1	1	0
10	0	0	0	0	0	0	0	***	***	***	***	2	2	2	3	3	3	4	3	4	4	5	5	5	2
11	1	0	0	0	1	1	1	***	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
12	2	2	1	1	1	1	0	***	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	1
13	3	3	2	2	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	1
14	0	0	0	0	0	0	0	***	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
16	2	2	2	2	2	3	3	1	1	1	2	2	2	2	3	3	3	3	2	2	1	0	0	0	2
17	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
19	3	3	3	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
21	2	2	3	3	3	4	4	***	***	0	0	1	1	1	1	2	2	2	3	3	4	4	3	3	2
22	3	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
23	2	2	2	2	2	2	2	***	4	2	2	2	2	1	0	0	0	0	1	2	2	2	2	2	1
24	6	5	5	4	3	2	4	3	0	0	0	0	2	3	3	3	4	3	3	3	2	4	6	6	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	0	0	3	
26	3	2	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
PERCENTAGE OF DATA VALID -						79																			

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8	****	****	****	****	****	****	****	****	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	3	2	3	2	2	2	4	****	2	2	2	2	2	2	2	2	2	3	4	3	4	4	5	4	3
10	5	5	4	5	4	2	3	****	4	3	2	2	2	2	2	2	2	1	1	1	3	4	5	5	3
11	2	2	2	2	1	1	2	****	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
12	1	2	1	1	1	1	2	****	2	2	1	1	1	1	1	2	1	1	2	1	1	2	1	2	1
13	2	1	2	2	1	2	2	****	1	3	3	1	1	1	1	1	1	2	2	3	3	5	5	3	2
14	4	1	1	1	1	2	2	****	1	1	1	0	0	0	0	0	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	1	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****
16	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	2	3	2	2	****	****	****
17	****	****	****	****	****	****	****	****	0	0	1	2	1	1	1	****	****	****	****	****	****	****	****	****	****
18	1	0	0	0	0	****	****	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****
19	1	0	0	0	0	****	****	****	3	4	3	1	0	0	0	0	0	0	0	1	1	2	2	2	1
20	0	0	0	0	****	****	2	****	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	3	3	3	3	3	****
22	2	2	1	1	1	2	2	****	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	****	1	1	1	1	1	0	0	0	0	0	1	2	2	2	2	2	1
24	1	1	0	1	0	1	2	****	4	5	4	4	3	3	3	2	2	1	2	2	2	3	3	3	2
25	3	2	2	1	1	2	2	****	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2	1	1
26	1	1	1	1	1	1	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
27	1	1	1	1	1	1	2	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	0	1	2	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	4	2	2	2	2	2	2	****	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	1	0	0	1
MEAN	2	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1

PERCENTAGE OF DATA VALID - 64

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	1	****	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	
2	1	1	1	1	0	1	1	****	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
3	1	1	1	1	1	2	3	****	2	2	2	2	2	3	3	4	5	4	3	2	2	2	2	2	2	
4	1	1	1	1	1	2	2	1	2	3	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	
5	2	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
6	2	2	1	1	2	1	2	1	3	2	2	1	1	1	1	1	1	1	2	2	2	3	4	4	2	
7	2	2	2	2	2	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
8	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	4	4	4	5	5	5	4	4	4	3	****
9	2	2	2	1	1	1	2	****	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	
10	3	1	0	0	0	1	2	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	
11	1	0	0	0	0	1	1	****	2	1	2	1	1	1	2	1	2	2	2	2	2	2	2	2	2	
12	2	1	2	2	2	3	4	****	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	
14	1	1	1	0	1	1	2	****	3	2	2	2	1	2	1	1	2	3	3	3	3	4	4	2	2	
15	3	2	1	2	2	1	2	****	3	2	2	2	2	2	2	2	3	3	2	2	2	3	2	2	2	
16	2	2	2	2	2	1	1	0	1	1	1	1	0	1	0	0	1	1	0	1	1	2	1	1	1	
17	1	2	1	1	2	1	2	2	2	1	1	1	2	2	2	3	3	2	2	2	2	3	3	2	2	
18	3	3	3	2	2	1	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
19	1	2	1	1	1	1	2	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	
21	1	0	0	0	0	0	1	****	4	3	3	3	3	3	3	3	2	3	3	4	5	4	5	3	2	
22	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
23	1	1	1	1	2	2	2	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	
24	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	2	2	2	2	1	1	1	1	0	1	
25	1	1	0	0	0	0	1	1	1	1	0	2	2	1	1	1	1	****	****	****	****	****	****	****	1	
26																										
27																										
28																										
29																										
30																										

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTEMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1																										
2																										
3																										
4																										
5																										
6																										
7																										
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	0	2	0	0	0	0	0	0	0	****
9	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	
10	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
11	1	1	0	0	0	1	1	****	2	2	0	0	1	1	1	1	1	1	2	2	2	2	2	2	1	
12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	
13	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	2	2	
14	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1	
16	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
17																										
18																										
19																										
20																										
21																										
22	****	****	****	****	****	****	****	****	3	1	0	0	0	0	1	1	1	1	1	2	1	1	2	1	1	
23	2	2	1	1	1	1	2	****	4	2	3	2	1	1	1	1	2	2	4	3	3	3	4	3	2	
24	2	2	1	1	1	1	1	****	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	
25	1	1	1	1	1	0	0	****	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	
26	1	1	1	1	0	1	1	****	3	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	
27	1	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	1	0	0	0	0	****	****	0	
28	****	****	****	****	****	****	****	****	0	0	1	1	2	1	****	****	2	2	3	3	2	2	2	2	2	
29	2	2	2	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	
30	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	
31	2	2	1	1	0	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

PERCENTAGE OF DATA VALID - 53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	1
2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0
6	2	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	2	2	2	3	2	2	1	1	1
7	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	1
8	4	3	3	3	3	3	3	4	4	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
11	2	3	3	3	3	3	1	2	4	4	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	2	2	2	2	2	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1
16	2	2	2	2	2	2	2	3	3	0	0	0	1	1	1	2	2	2	2	1	0	1	1	1	2
17	1	1	1	1	1	1	1	0	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	3	2	2	1	0	0	2
19	0	0	0	0	0	0	0	1	2	3	3	2	2	2	2	2	2	3	3	4	4	4	3	3	2
20	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	3	3	3	3	2	2	1	1	1	2
21	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	1	1	1	2	1	2	4	1
22	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	2
23	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	6	6	1
25	6	5	4	1	0	0	1	1	1	3	3	3	3	3	0	0	2	2	2	2	1	1	1	1	2
26	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	2	1

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN OXIDES -SALTSMAN

UNITS - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	2	3	3	2	1	1	1	0	0	0	0	1	1	1	1	1	2
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
5	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
6	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
8	1	1	1	0	0	0	0	0	0	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2
9	2	2	2	2	2	2	1	2	3	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
11	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	2	2	2	1	2	2	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	1	4	5	5	3	2	2	2	2
16	2	2	2	2	1	1	2	2	2	3	3	3	3	2	3	3	4	2	2	2	2	2	2	2	2
17	2	1	1	1	1	1	1	1	1	4	2	2	1	2	2	1	2	3	3	2	2	2	3	3	2
18	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
19	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	0	0	1	0	0	0	0	0	0	1
20	0	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
21	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	2
22	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	1	1	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	2	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1	2	4	3	2	2	2	2	2	2	2
30	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	3	4	8	10	9	9	5	4	7	4
31	9	7	7	6	4	4	4	6	7	4	8	4	4	5	4	3	3	3	3	3	3	3	3	3	5
MEAN	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2	3	6
FEB	28	3	6	11
MAR	31	3	5	8
APR	17	1	3	5
MAY	21	1	3	6
JUN	17	2	2	4
JUL	26	1	3	6
AUG	25	1	3	5
SEP	25	1	3	5
OCT	19	1	2	4
NOV	30	1	3	6
DEC	31	2	5	10
YEAR	300	2	6	11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - NITROGEN OXIDES -SALTZMAN

UNIT - PARTS PER HUNDREDMILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 & OVER	TOTAL
JAN	140	524	15	0	0	0	0	679
FEB	166	267	163	45	1	0	0	642
MAR	27	559	114	11	0	0	0	711
APR	227	118	15	0	0	0	0	360
MAY	307	119	9	0	0	0	0	435
JUN	178	147	43	0	0	0	0	368
JUL	376	186	30	0	0	0	0	592
AUG	269	188	26	0	0	0	0	483
SEP	327	200	26	0	0	0	0	553
OCT	287	108	3	0	0	0	0	398
NOV	416	244	13	0	0	0	0	673
DEC	336	305	24	10	0	0	0	675
YEAR	3056	2965	481	66	1	0	0	6569

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99		
74	0	0.2	0.6	1.1	1.7	2.8	3.7	5.1	6.0	11	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	4	4	4	4	4	4	4	4	5	4	5	5	5	5	5	4	5	4	5	6	5
2	6	5	4	4	4	4	4	5	5	4	4	5	5	5	5	5	5	5	4	5	4	4	4	5	5
3	5	4	4	3	4	4	4	4	5	4	5	4	5	4	4	4	4	4	4	4	4	4	4	5	4
4	4	3	3	5	7	4	3	5	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	4
5	4	3	3	3	3	3	5	6	7	6	8	7	7	6	6	6	7	7	6	6	5	5	5	5	5
6	4	3	3	3	4	4	5	9	7	5	5	5	6	5	5	5	6	6	6	6	5	5	5	4	5
7	5	4	3	3	4	3	3	4	5	5	3	3	2	2	2	3	4	3	2	2	2	2	2	3	5
8	2	2	2	2	2	2	2	3	4	5	5	5	6	7	7	7	9	7	7	7	7	7	7	8	5
9	7	7	4	4	3	2	2	3	4	2	2	2	4	3	3	6	8	7	6	8	7	8	5	5	5
10	6	6	5	4	4	4	4	4	4	5	5	5	6	5	5	6	7	6	5	5	5	5	5	5	5
11	5	5	4	4	4	4	4	4	4	4	5	5	5	4	4	4	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	4	4	6	5	7	6	6	5	5	5	5	6	7	6	7	6	6	6	6	6
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
16	6	5	5	5	5	5	5	6	7	8	7	6	6	5	6	6	7	6	6	6	6	6	6	6	6
17	5	5	5	5	5	5	5	6	5	6	6	7	7	6	8	7	6	6	6	6	6	6	6	6	6
18	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5
19	7	6	5	6	5	6	8	10	12	8	6	5	6	5	5	5	7	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	6	7	9	7	7	7	7	7	7	8	8	7	6	5	5	6	6	6	6
21	4	4	4	4	4	4	5	5	7	8	6	6	6	5	5	5	5	6	6	5	6	5	6	5	5
22	5	5	5	5	5	6	7	8	8	7	6	6	7	7	10	7	6	7	8	8	8	8	9	7	7
23	8	9	9	9	9	9	9	9	9	10	8	8	8	6	7	6	8	8	8	8	8	11	13	9	9
24	DATA MISSING																								
25	DATA MISSING																								
26	DATA MISSING																								
27	5	5	5	5	5	6	6	7	7	7	7	8	7	8	7	8	14	10	8	9	10	7	6	6	6
28	5	5	5	5	5	5	5	6	6	5	5	6	6	6	6	7	8	7	7	7	7	6	6	6	6
29	6	5	5	5	5	5	6	7	8	7	7	6	6	6	5	7	9	7	6	6	6	7	7	6	6
30	7	7	6	6	7	8	8	9	10	9	9	9	9	9	9	10	10	9	9	9	9	8	8	8	8
31	9	9	8	8	8	8	8	8	9	9	8	9	9	8	8	7	8	8	7	8	8	7	8	8	8
MEAN	5	5	5	5	5	5	5	6	7	6	6	6	6	5	6	6	7	6	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA MISSING -																								
2	- DATA MISSING -																								
3	- DATA MISSING -																								
4	- DATA MISSING -																								
5	- DATA MISSING -																								
6	- DATA MISSING -																								
7	- DATA MISSING -																								
8	- DATA MISSING -																								
9	- DATA MISSING -																								
10	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	5	6	5	4	5	5	4	4	5	****
11	5	4	4	4	4	4	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5
12	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	6	6	6	5	6	5	6	7	6	5	5	5	5	5	5	5
15	6	5	5	5	5	5	6	5	5	4	6	6	5	5	5	6	6	5	6	6	6	6	6	7	6
16	9	9	7	6	6	6	6	6	7	7	7	7	7	7	8	8	7	6	6	6	6	6	6	8	6
17	9	12	12	9	7	7	8	10	9	8	7	6	6	5	5	6	6	6	6	6	6	6	6	7	6
18	8	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	5
20	5	5	5	6	6	6	5	5	6	6	6	6	5	5	5	5	6	5	5	5	5	5	5	6	5
21	5	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	7	6	6	5	5	7	5	5	5
22	7	5	4	4	4	4	5	6	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5
23	5	4	4	4	4	4	4	5	5	5	5	6	4	4	4	4	5	5	5	5	5	5	5	5	5
24	7	7	5	4	4	4	5	5	5	5	6	6	7	7	6	6	7	6	6	6	6	6	6	6	6
25	11	8	7	6	8	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	7	7	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	6	7	7	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5
28	6	6	6	5	6	6	7	8	7	6	6	6	6	6	7	7	6	6	7	6	8	8	7	7	7
29	6	6	7	7	7	8	9	8	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6
30	6	6	6	6	6	6	6	7	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6
MEAN	6	6	6	5	5	5	6	6	6	5	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 67

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6
2	5	5	5	5	6	6	6	6	6	6	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	6	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	7	6	6	5	6	5	7	7	7	6	6	6	6	5	5	6	5	5	6	6	6	6	6	6	6
12	5	5	5	5	5	5	6	7	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6
13	7	6	6	6	5	6	6	10	11	6	6	8	9	8	8	8	7	6	6	5	5	5	5	5	5
14	5	5	5	5	5	5	6	7	6	6	7	6	5	6	6	6	6	6	6	6	6	6	6	6	6
15	5	5	5	5	5	6	7	8	9	8	7	6	6	6	6	6	5	6	7	8	6	5	8	9	7
16	9	9	8	8	8	8	8	8	9	9	9	7	7	7	7	7	7	7	7	7	7	7	7	7	8
17	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	10	9	9	10	9	8	9	10	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19	7	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	6	6	6	6	6	6	6	7	7	7	8	8	6	7	7	8	8	6	6	6	6	6	6	6	7
21	6	6	6	6	8	9	8	7	7	8	8	6	5	5	6	6	6	6	6	6	6	6	6	6	6
22	7	6	8	10	6	7	7	8	8	8	8	6	5	6	6	6	6	6	6	6	6	6	6	6	6
23	7	7	7	7	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6
24	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	6	6	6	6	6	6	6	7	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	7	7	6	6	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
27	8	7	7	7	7	7	8	8	7	7	7	7	7	7	7	8	7	6	6	6	6	6	6	6	6
28	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
29	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	6	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	7	6	6	6	6	6	6	6	6
MEAN	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	6	5	5	6	6	6	6	6	6	5	5	6	6	6	5	5	6	5	5	5	5	5	6
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	6	6	6	6	6	6	7	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	7	6	6	6	6	6	7	7	7	7	6	6	7	8	7	8	8	7	7	7	7	7	7	7	7
6	6	7	7	6	6	6	7	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7	9	7	7	7	7	7	8	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
8	6	7	7	7	7	10	8	8	8	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6
9	13	12	10	8	8	9	13	11	9	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10	6	6	6	6	6	7	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11	7	7	6	6	7	8	10	9	7	7	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6
12	8	8	8	8	8	9	9	11	10	9	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7
13	7	6	7	6	6	6	6	6	6	7	7	6	6	7	7	7	7	7	7	7	7	7	7	7	7
14	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	8	8	6	5	5	5	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
16	6	6	5	5	5	7	9	7	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17	5	5	6	5	5	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	7	7	7	7	7	7	7	7	8	8	7	7	7	7	7	7	8	8	8	7	7	7	7	7	7
19	8	7	6	6	6	7	7	7	7	7	7	7	7	8	8	8	7	7	7	7	7	7	7	7	7
20	9	9	9	9	9	11	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
21	7	7	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	7	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26																									
27																									
28																									
29																									
30																									
MEAN	7	7	6	6	6	7	7	7	7	7	6	6	6	6	6	7	6	6	6	6	7	7	7	7	7

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
2	4	4	4	4	5	5	6	6	7	5	5	5	5	5	5	4	4	5	5	5	6	5	5	5	*****
3	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	4	4	5	6	6	6	5	5	6	5
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	4	4	4	4	6	7	10	11	7	8	6	5	5	5	4	4	4	4	4	4	5	5	7	7	4
6	4	4	4	4	3	4	5	5	5	4	4	4	4	5	5	5	5	5	5	5	6	6	5	5	5
7	6	6	6	6	6	6	6	6	6	7	7	5	5	5	5	5	5	5	6	5	6	7	8	8	6
8	7	7	6	6	6	6	6	7	7	6	5	6	6	6	6	5	5	4	5	5	5	5	5	5	6
9	4	4	4	4	5	5	5	5	5	6	6	6	7	7	7	8	8	7	7	7	8	9	9	7	6
10	7	8	7	6	6	6	6	6	6	6	6	6	5	5	5	6	6	5	6	5	8	6	6	7	6
11	6	11	13	12	13	13	14	10	6	6	6	6	4	4	4	4	4	4	5	5	7	8	7	7	7
12	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	5	5	6	6	6	5	5	5
13	7	6	5	5	7	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	6	6	7	7	6	6	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5
15	6	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
16	6	6	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17	6	6	6	6	6	6	7	8	8	8	7	6	5	5	5	5	5	5	5	5	5	5	5	5	5
18	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	6	6	5	5	6	5	*****	5	6	6	6	6	6	6	7	6	6
21	5	5	5	5	5	5	6	7	7	6	5	6	6	6	6	6	6	6	6	5	7	7	6	6	6
22	6	6	6	6	6	6	6	5	7	7	6	6	6	6	6	5	5	5	5	5	6	6	7	6	6
23	7	7	6	6	5	5	5	5	6	5	6	6	6	7	7	7	8	7	7	7	7	7	6	6	6
24	6	6	6	6	6	6	6	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
25	5	5	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	6	6	7	7	7	7	6
26	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
28	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
29	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
30	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
31	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MEAN	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
3	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
4	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
5	9	9	9	7	7	9	11	10	10	9	7	7	6	6	6	6	7	7	6	6	7	8	9	11	*****
6	10	12	11	10	10	9	10	8	7	6	6	6	6	6	6	6	6	6	5	5	5	6	6	6	8
7	8	8	6	6	6	6	6	8	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	7	7
8	7	7	6	5	6	6	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	5
9	4	5	5	5	5	5	5	5	5	6	7	7	7	5	6	6	6	6	5	5	5	5	5	5	5
10	5	5	5	5	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	5	5	5	5	5	5
11	5	5	5	5	6	6	6	6	6	6	5	5	5	6	6	6	6	6	6	5	5	5	6	6	6
12	6	6	6	6	6	6	6	6	7	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
13	6	6	7	7	7	7	7	7	8	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	10	9	9	9	9	9	9	9	9	7	7	6	6	5	4	4	3	3	3	3	2	2	10	12	7
15	2	2	1	1	1	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	7	7	7	7	6	6	6	6	6	3
19	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	7	8	7	7	8	8	8	8	7
20	7	7	6	6	7	8	7	7	7	7	6	7	7	4	4	4	6	6	5	7	8	8	7	6	6
21	6	6	6	7	5	6	7	8	7	7	6	6	6	6	6	7	7	6	7	7	8	7	7	7	7
22	7	7	7	7	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	9	8	8	8	8	7
23	7	7	7	7	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	6	6	6	6	6	7	8	9	8	7	6	6	6	6	6	6	7	7	7	8	11	13	11	10	8
25	7	6	7	7	7	9	11	12	7	6	6	6	6	6	5	5	5	5	6	6	6	6	7	7	7
26	7	7	7	7	7	8	9	9	10	7	8	7	6	6	6	6	6	6	6	7	7	7	7	7	7
27	6	6	6	6	6	6	7	8	8	6	7	8	8	8	7	7	7	7	8	8	8	8	8	8	7
28	8	8	9	8	7	7	8	7	7	7	7	7	6	6	6	6	7	8	8	8	8	7	7	7	7
29	8	6	6	5	5	5	5	5	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6
30	8	9	7	6	7	6	6	9	8	7	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6
31	6	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	6	6
MEAN	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	10	9	9	8	10	9	10	10	8	7	6	7	7	7	7	7	7	8	9	11	10	9	8	
2	10	9	7	6	6	7	12	11	7	6	7	6	6	6	6	6	6	6	7	7	7	7	7	7	
3	7	7	6	6	7	7	8	9	8	7	7	7	7	6	6	7	6	7	7	9	8	7	6	7	
4	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7	7	8	8	10	9	9	8	8	
5	8	8	7	7	7	6	6	6	6	7	6	7	7	7	7	7	7	8	8	8	8	8	7	7	
6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	7	7	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	7	7	
8	7	7	7	7	7	7	7	8	13	10	8	8	***	5	5	6	6	8	8	8	8	8	7	7	
9	6	5	5	5	5	5	6	7	7	8	7	7	7	5	5	5	5	6	6	7	8	8	6	7	
10	6	5	5	5	5	5	6	6	6	5	5	5	5	5	5	6	6	5	5	5	5	6	6	6	
11	6	6	6	6	5	5	7	8	8	6	5	5	4	4	4	4	4	5	5	5	5	5	5	5	
12	7	7	5	4	5	7	12	11	6	5	5	5	5	5	5	5	5	5	5	6	6	7	7	6	
13	6	6	6	6	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	
14	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	7	7	6	6	6	
15	4	4	4	4	4	4	5	6	10	9	7	6	6	6	5	5	5	5	5	5	5	4	4	4	
16	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	7	7	6	6	7	6	6	6	6	
17	6	5	5	5	5	5	5	7	6	6	6	6	6	8	8	8	7	7	9	8	8	8	7	7	
18	8	12	12	11	9	9	10	11	10	9	9	7	7	7	7	7	7	6	7	8	8	8	8	7	
19	11	10	11	12	12	12	13	14	10	7	6	6	6	6	6	6	6	6	7	7	7	7	10	13	
20	8	8	7	7	7	7	7	7	7	6	6	6	6	5	6	6	6	6	7	8	8	7	7	7	
21	7	6	6	6	6	7	7	8	7	6	6	6	6	6	6	6	6	7	8	7	7	7	7	7	
22	6	6	6	6	6	6	7	9	7	7	7	6	6	6	7	8	8	7	7	7	8	8	8	7	
23	8	7	6	6	6	6	6	7	9	8	9	8	8	7	7	8	7	6	6	7	6	6	6	7	
24	6	6	6	6	6	6	6	7	6	6	6	6	6	5	5	6	6	6	6	7	6	6	6	6	
25	6	6	6	6	6	8	13	15	12	12	11	8	7	7	7	8	7	6	8	11	11	9	7	8	
26	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	
27	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	
28	6	6	6	6	6	6	6	6	7	7	7	6	6	6	6	7	7	6	6	7	6	6	7	8	
29	9	8	7	6	6	7	8	10	12	11	6	6	6	6	6	7	7	6	6	6	6	7	7	7	
30	8	8	8	7	7	7	8	8	7	6	6	6	6	6	6	7	7	7	7	7	7	6	6	7	
MEAN	7	7	6	6	6	7	8	8	8	7	7	6	6	6	6	6	6	7	7	7	7	7	7	7	

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	5	5	7	9	10	9	7	6	6	6	6	6	6	6	6	7	6	7	6	7	6	7
2	6	5	5	5	5	5	6	10	6	6	6	6	6	6	6	6	6	6	7	6	7	5	6	6	6
3	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	6	6	5	5
4	5	6	5	6	7	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	6	7	6
5	8	7	7	6	6	7	7	7	7	7	6	6	6	6	6	6	6	6	7	7	6	6	5	6	6
6	6	5	5	5	4	5	6	6	5	6	6	6	6	6	6	6	6	6	7	7	6	6	5	6	6
7	5	5	5	5	5	6	8	10	8	7	8	8	8	7	7	7	7	7	7	7	6	5	6	5	6
8	7	7	6	6	6	7	9	10	8	7	7	6	6	6	6	7	7	6	7	7	7	7	7	7	7
9	7	6	6	6	6	6	7	7	7	7	7	6	6	6	6	6	6	6	5	5	5	5	4	6	6
10	4	5	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	5	6	7	9	9	8	8	5
11	7	7	7	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	6	6	6	6
12	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	9	9	8	7	7	6	6
13	7	6	6	6	6	6	7	9	8	9	9	7	7	7	7	12	10	11	11	9	7	6	6	9	8
14	6	6	5	5	5	5	6	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
15	6	5	5	5	5	5	6	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
16	6	6	6	6	6	7	8	9	10	8	7	7	7	7	7	8	8	7	8	7	7	7	7	7	7
17	9	8	8	8	7	9	9	9	9	8	7	7	6	6	6	6	6	6	6	15	18	19	13	10	9
18	8	7	7	7	6	6	6	6	7	6	6	7	6	6	6	6	6	6	6	6	6	6	6	7	7
19	7	7	7	7	8	12	17	18	13	9	5	6	7	7	7	7	7	7	7	7	6	6	6	6	6
20	6	5	6	5	6	6	6	9	8	8	7	6	6	6	7	7	6	6	6	6	6	5	5	5	6
21	5	5	5	5	5	6	7	8	7	7	7	7	7	7	6	6	7	8	8	7	7	6	6	6	6
22	6	7	8	8	8	7	9	15	14	12	10	7	6	7	7	7	7	9	13	14	13	15	18	21	10
23	21	18	12	8	8	9	9	10	12	9	9	9	8	9	9	9	9	11	10	11	8	7	8	8	10
24	8	6	6	7	7	6	10	9	8	7	7	8	7	8	7	8	7	7	7	8	6	6	6	6	7
25	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	6	7	7	7	5	5	5	6
26	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	6
27	7	7	7	6	7	7	7	8	8	8	7	7	8	8	8	8	8	7	7	7	7	7	7	7	7
28	6	7	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	7	7	7	6	6	6	6	7
29	6	6	5	5	5	5	5	5	6	7	7	6	6	6	6	6	6	7	7	7	6	6	6	6	6
30	5	5	5	5	5	5	6	6	8	7	6	7	6	6	6	6	7	7	7	6	6	6	6	6	6
31	6	6	6	6	6	5	6	6	6	6	6	6	7	7	6	5	6	6	6	6	6	6	5	6	6
MEAN	7	6	6	6	6	6	7	8	8	7	7	6	6	6	6	7	7	7	7	7	7	7	7	7	7

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	5	5	6
2	5	5	5	5	5	5	6	6	7	8	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6
3	6	6	5	6	6	6	7	9	9	8	8	8	8	8	9	9	9	9	8	8	7	7	6	6	7
4	7	7	7	6	6	6	7	8	10	10	8	7	8	8	7	8	9	****	8	8	8	9	8	9	8
5	8	8	7	7	7	7	8	8	9	8	8	8	8	8	8	8	9	9	8	7	7	7	7	7	8
6	7	6	6	6	6	7	9	8	7	7	7	7	6	7	7	7	7	7	7	7	7	6	7	7	7
7	9	7	7	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	6	6	6	8	8	7	7
8	9	8	8	8	7	7	7	7	8	8	8	8	6	6	6	6	6	7	6	7	6	6	6	6	7
9	8	5	5	6	6	6	7	7	8	7	6	6	6	6	6	6	6	7	7	7	8	9	9	9	7
10	8	6	6	6	6	6	6	7	7	6	6	7	7	7	7	7	8	7	7	8	7	7	7	7	7
11	7	6	6	6	6	6	6	7	8	8	7	7	8	7	7	7	7	8	8	7	7	7	7	8	7
12	7	8	8	7	7	7	7	8	8	8	7	7	7	7	7	8	8	8	8	8	7	7	7	7	7
13	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	5	6	6	5	5	6
14	6	6	6	6	5	6	6	6	6	6	7	7	7	7	8	8	8	9	8	7	7	7	6	7	7
15	6	6	6	6	6	6	5	5	5	5	6	5	6	5	6	5	5	6	7	7	7	7	7	7	7
16	7	6	6	6	7	8	9	7	7	7	7	6	6	6	6	6	7	8	7	6	7	8	7	7	7
17	7	5	6	7	8	7	7	8	7	6	7	6	6	5	4	4	6	6	5	5	5	5	5	5	6
18	5	5	5	4	4	4	5	7	8	6	5	5	5	4	5	5	6	6	6	6	6	5	5	5	5
19	4	4	4	4	4	4	5	5	6	6	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5
20	5	4	4	4	4	4	4	4	5	5	5	5	5	6	5	6	6	5	5	5	4	4	4	4	5
21	4	4	4	4	4	4	4	4	6	6	6	6	5	5	5	5	6	5	6	6	6	6	6	6	5
22	6	6	6	6	5	5	5	6	6	6	6	6	5	5	5	5	6	5	6	6	6	6	6	6	6
23	5	5	5	5	5	5	6	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25	7	7	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
26	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
27	5	6	6	6	5	5	7	10	11	9	9	10	9	9	9	9	9	8	8	8	8	8	8	8	8
28	6	6	6	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6
29	7	7	7	6	6	6	6	6	6	6	6	6	6	6	8	8	7	8	7	6	6	6	6	6	6
30	6	6	6	5	5	5	6	7	8	8	8	8	7	6	6	6	7	6	5	5	5	6	6	6	6
MEAN	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	7	7	7	7	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	6	5	5	5	5	4	5	5
2	5	5	5	4	4	5	7	7	7	6	6	6	6	6	6	6	7	9	8	9	9	15	18	7	7
3	13	9	9	7	6	6	6	7	8	8	7	8	8	8	7	8	7	6	6	6	6	7	6	6	7
4	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	8	8	7	7	7	6	7	7	
5	6	6	6	6	6	6	6	6	6	6	6	6	7	7	8	7	6	6	6	6	6	6	6	6	6
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	6	5	5	5	5	5	6	7	9	8	9	9	10	10	8	7	10	8	8	7	7	7	6	6	6
8	6	6	6	6	6	6	6	7	8	7	7	6	6	6	6	6	7	8	8	8	7	7	6	6	7
9	7	7	6	6	6	6	7	7	7	7	8	7	7	7	7	7	7	7	7	7	6	6	6	6	7
10	5	5	5	5	5	6	6	7	8	8	7	7	7	7	7	7	8	8	7	7	6	6	5	5	6
11	5	5	5	5	5	5	6	7	7	6	6	6	7	7	7	7	8	8	7	7	6	6	6	6	6
12	6	6	6	6	6	6	6	6	6	7	7	6	8	8	8	9	9	8	8	9	8	7	8	8	7
13	8	7	6	6	6	6	6	7	8	9	7	7	6	6	5	6	6	6	6	6	6	6	6	6	6
14	6	6	6	6	6	6	7	8	9	9	8	6	6	6	6	6	9	10	9	8	8	8	8	8	7
15	6	6	6	6	6	6	6	7	8	7	7	7	8	8	7	8	8	9	7	7	7	7	8	7	7
16	7	6	6	6	6	6	6	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	7
17	7	8	7	6	6	6	6	7	7	7	7	8	7	7	7	7	7	7	7	7	7	7	6	6	7
18	7	7	6	6	6	6	7	8	8	7	7	7	7	7	7	8	9	8	7	7	7	7	6	6	7
19	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	7
20	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	7	6	7	7	7	8	7	8	6
21	7	6	6	6	5	5	6	7	7	6	7	6	6	7	6	6	7	6	6	5	5	5	5	4	6
22	4	4	4	5	6	7	6	5	****	****	****	7	9	12	11	10	10	10	8	10	9	9	7	8	6
23	6	6	5	5	5	5	6	7	7	8	8	7	8	8	8	8	11	8	7	5	6	6	6	6	7
24	6	6	5	5	5	5	5	5	6	6	6	6	6	7	6	6	5	6	5	6	5	5	5	6	7
25	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
26	4	4	4	4	4	4	4	4	5	6	6	6	5	4	5	5	5	5	5	5	6	5	6	7	5
27	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	7	6	7	6
28	7	6	6	5	5	6	7	8	10	9	8	6	7	6	5	5	5	7	7	7	8	10	13	12	7
29	13	12	10	7	6	5	6	7	8	10	7	7	7	7	7	7	9	9	7	6	6	6	6	6	8
30	7	8	7	7	6	5	7	10	13	12	10	7	7	****	****	****	****	****	****	****	****	****	****	****	****
31	6	6	6	6	6	6	6	9	9	8	8	8	9	9	9	8	8	8	7	7	7	7	7	7	7
MEAN	7	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008
POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	6	9	14
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	21	6	7	12
MAY	31	6	8	12
JUN	25	7	8	13
JUL	24	6	7	14
AUG	27	6	8	13
SEP	30	7	9	15
OCT	31	7	10	21
NOV	30	6	8	11
DEC	31	7	8	18
YEAR	279	6	10	21

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - CARBON MONOXIDE
STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

UNIT - PARTS PER MILLION

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	0	58	572	40	0	0	670
FEB		DATA MISSING					
MAR		DATA MISSING					
APR	0	0	476	11	0	0	487
MAY	0	0	713	30	0	0	743
JUN	0	0	527	41	0	0	568
JUL	0	1	546	12	0	0	559
AUG	78	13	499	44	0	0	634
SEP	0	0	650	69	0	0	719
OCT	0	0	667	69	8	0	744
NOV	0	0	683	33	0	0	716
DEC	0	0	674	55	1	0	730
YEAR	78	72	6007	404	9	0	6570

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	4.1	5.0	5.6	6.3	7.6	8.4	9.6	11.0	21	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	4	5	4	4	3	3	3	3	3	3	3	3	4	4	4	5	4	4	4	4	4	4	4	4	4
4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
8	***	***	***	***	***	***	***	***	***	***	***	***	2	3	3	3	2	3	3	3	3	3	3	2	***
9	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	4	3	4	3	2	2	3
10	2	2	2	1	1	0	1	1	1	1	1	1	2	2	3	4	3	2	2	1	1	2	1	3	2
11	2	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1
12	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	3	3	3	3	3	4	5	5	5	5	5	6	7	6	6	5	9	6	3	4	5	3	3	2	5
17	2	2	2	2	2	2	2	3	3	3	4	4	4	5	6	6	5	4	3	4	3	3	3	3	3
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	3	3	3	3	3	3	3	4	***	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
20	- DATA MISSING -																								
21	- DATA MISSING -																								
22	***	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	1	1	2	2	1	2	2	1	***
23	1	1	1	0	0	0	0	1	1	1	2	2	2	2	1	1	1	3	1	2	2	***	***	***	1
24	- DATA MISSING -																								
25	***	***	1	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***
26	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	3	3	2	2	2	2	2	1	1
27	0	0	1	1	1	1	0	1	1	1	1	1	2	3	3	2	2	3	2	2	2	2	2	1	2
28	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1
29	0	***	***	***	1	1	1	2	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	0	1	0	0	0	1	1	2	1	2	3	2	2	2	3	2	2	4	3	4	4	4	2	2	2
31	1	2	1	1	2	2	2	1	1	1	2	2	2	2	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	2	3	2	2	2

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													DATA MISSING													
2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	3	1	1	1	1	2	2	2	2	2	2	
3	2	2	2	2	2	2	2	3	2	***	***	***	0	0	0	0	0	1	2	2	2	2	0	1	1	
4	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	1	
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	1	1	0	1	2	2	***	2	
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	7	7	7	8	9	7	***	***	
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	5	7	***	
8	5	5	5	4	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
9	4	4	4	4	4	4	4	4	5	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3	3	
10	2	2	2	1	1	1	1	2	3	3	2	3	3	3	4	3	3	5	4	4	3	2	2	2	3	
11	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	3	4	3	3	4	3	2	2	3	
12	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	3	4	4	3	2	2	3	3	3	
13	1	0	1	2	2	2	2	2	2	2	1	1	2	1	0	1	2	2	2	3	3	3	2	2	1	
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	2	3	4	2	4	1	
15	4	1	3	1	1	0	0	0	0	0	0	0	0	1	1	0	1	2	1	0	2	2	2	***	1	
16													DATA MISSING													
17													DATA MISSING													
18													DATA MISSING													
19													DATA MISSING													
20													DATA MISSING													
21													DATA MISSING													
22													DATA MISSING													
23													DATA MISSING													
24													DATA MISSING													
25													DATA MISSING													
26	***	***	***	***	***	***	***	***	***	***	***	***	***	3	0	1	2	2	2	1	1	2	2	2	***	***
27	2	2	2	1	2	2	2	1	1	1	1	1	3	2	2	2	2	3	4	3	2	5	1	2	1	
28	2	1	1	1	0	0	0	0	1	1	1	2	3	3	2	2	2	3	2	1	0	0	0	1	1	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	2	

PERCENTAGE OF DATA VALID - 52

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	1	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	2	2	1	2	1	0	1
3	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	1	***	1	***	***	***	1	1
4	***	***	***	***	***	***	***	***	***	2	3	4	4	5	6	4	4	4	2	2	2	2	2	2	4
5	3	3	3	3	4	3	3	5	5	5	5	5	5	5	6	5	5	5	3	3	3	2	2	2	3
6	3	2	2	2	3	3	5	5	***	***	***	3	3	2	3	2	1	2	1	2	3	4	1	1	3
7	1	0	0	0	0	0	1	1	1	2	3	3	3	2	3	2	1	1	1	0	0	2	1	2	1
8	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	1	0	0	1	1	1	1	1	1	2
9	2	2	2	2	2	2	3	3	4	3	3	3	1	1	1	0	0	1	1	0	2	1	1	1	2
10	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2
11	1	1	0	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	0	0	2	3	0	1
12	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	2	2	1	2	1	1	1
13	1	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	1	2	2	2	1	3	1	2	1
14	1	1	0	0	0	0	0	0	1	1	1	2	2	2	3	3	3	1	1	1	2	4	2	3	2
15	2	1	1	1	1	1	2	2	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1
16	1	1	1	1	2	2	2	3	3	***	***	***	***	2	2	1	1	2	1	1	2	1	0	0	1
17	0	1	1	1	0	1	2	2	2	3	3	3	3	3	3	2	2	2	1	1	1	1	2	2	2
18	1	1	1	2	2	2	3	3	3	3	3	3	4	4	3	3	4	3	3	3	2	2	2	2	3
19	2	2	2	2	2	2	2	4	4	4	4	4	3	3	3	2	1	1	3	3	2	2	2	1	3
20	1	0	1	1	1	1	1	1	1	2	4	3	3	3	2	***	***	***	***	***	***	***	***	***	***
21																									
22																									
23																									
24	***	***	***	***	***	***	***	***	***	***	2	1	1	1	1	1	1	1	1	2	2	1	0	1	***
25	1	1	1	1	1	0	1	2	2	2	2	2	3	3	3	3	2	3	2	2	2	3	2	2	2
26	1	1	1	0	1	1	0	1	0	1	0	0	1	1	1	3	3	3	3	3	3	3	3	3	2
27	2	2	2	2	1	1	1	0	0	1	1	1	1	1	1	3	3	2	2	2	3	3	3	2	2
28	2	2	1	0	0	0	0	0	0	0	0	2	1	2	2	1	2	2	2	2	2	4	2	2	2
29	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	2	2	2	2	3	1
30	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	3	2	2	2	2	2	3	1
31	2	0	0	0	0	0	0	0	0	2	1	2	3	3	5	5	5	6	4	3	2	2	2	3	2
MEAN	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	0	0	0	0	1	1	1	1	2	1	1	1	1	2	3	4	2	2	3	4	4	3	2
2	3	2	3	3	3	3	3	4	5	4	3	4	3	2	3	3	3	4	4	4	4	3	3	2	3
3	3	3	2	3	4	5	5	5	5	5	5	5	5	4	4	4	6	6	4	4	2	3	2	3	4
4	2	2	2	1	1	1	1	1	2	1	2	3	3	3	0	4	4	3	3	3	4	5	3	4	3
5	2	2	2	2	1	2	0	2	3	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	***	6	3	3	2	1	1	1	0	0	0	2
7	1	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1
8	0	0	0	1	0	1	1	1	1	1	1	0	0	1	1	0	2	2	1	1	2	2	3	0	2
9	0	0	0	1	0	1	1	1	1	1	1	0	0	1	1	0	2	2	1	1	2	2	3	2	1
10	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	3	3	2	3	4	6	3	4	2
11	2	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	3	2	1	4	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	2
13	3	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
14	0	1	0	0	0	0	0	0	0	3	3	3	3	3	3	3	4	3	3	2	2	1	1	1	2
15	1	1	1	0	0	0	1	2	2	2	2	1	1	2	2	1	1	1	1	1	2	4	4	2	1
16	2	4	4	3	2	1	0	0	1	1	2	3	3	4	4	2	1	2	2	1	1	1	2	3	2
17	2	3	4	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	4	5	7	4	3
18	5	3	4	4	2	2	2	2	2	2	2	2	1	2	1	3	3	3	3	3	2	3	4	3	3
19	4	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	3	2
20	2	3	4	4	3	4	3	5	6	5	***	***	1	2	1	1	1	2	2	3	2	2	2	1	3
21	1	0	1	0	1	1	1	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	0	0	0	0	1	2	2	2	2	2	3	2	3	2	2	***
23	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
24	1	0	0	0	0	0	0	0	0	1	4	5	6	6	4	3	2	3	4	4	3	2	5	2	2
25	3	2	2	1	1	0	1	0	1	2	1	2	2	2	2	2	2	2	3	3	5	4	3	4	2
26	3	2	3	4	3	3	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	3	3	2	2
27	2	2	2	2	1	1	5	5	4	2	2	2	2	2	1	2	***	1	1	1	2	1	2	1	2
28	2	2	0	0	2	1	1	2	3	4	3	1	0	0	0	2	1	0	2	2	1	3	3	1	2
29	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1
30	2	2	2	1	1	2	1	1	2	0	0	1	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH MAY 70

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	1	1	1	2	3	3	1	****	
2	0	1	1	1	1	1	1	1	0	0	2	2	2	1	1	1	1	2	1	1	1	1	2	1	1	
3	2	1	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	3	3	1	2	1	
4	2	3	2	2	2	2	1	2	1	2	1	1	2	2	****	1	1	0	0	0	0	0	0	0	1	
5	0	0	0	0	0	0	0	0	0	2	2	3	3	2	3	2	2	2	2	2	2	1	1	1	1	
6	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	4	2	2	2	2	2	2	2	
7	3	4	3	3	3	3	2	2	2	3	3	5	6	4	3	2	2	3	3	2	2	3	3	3	3	
8	3	2	2	2	3	2	2	2	4	3	3	2	2	3	2	2	2	2	3	5	8	6	6	5	3	
9	4	5	5	4	4	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	- DATA MISSING -																									
11	****	****	****	****	****	****	****	****	3	3	4	5	4	4	4	4	5	3	2	3	3	3	2	1	3	
12	1	1	1	1	1	1	2	4	3	3	3	4	3	5	3	3	4	4	3	3	4	4	4	4	3	
13	4	4	4	3	3	4	4	3	4	4	4	5	6	5	4	5	5	4	3	3	3	3	3	2	4	
14	2	2	2	2	2	2	4	5	5	5	4	5	5	4	2	3	3	4	4	4	4	3	3	1	3	
15	2	2	2	2	2	3	4	4	1	1	2	2	1	1	1	1	2	1	1	2	5	3	3	2	2	
16	2	1	1	1	0	0	0	0	1	0	1	1	1	1	1	0	1	1	1	2	1	1	2	2	1	
17	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	
18	1	1	1	1	2	2	****	****	****	****	****	0	0	1	1	0	2	2	2	2	2	2	2	1	2	
19	1	1	1	0	1	1	0	1	1	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2	1	
20	2	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	3	2	1	1	2	2	2	1	
21	3	1	0	0	0	0	0	1	1	2	3	4	4	4	4	4	3	2	3	4	4	4	3	2	2	
22	1	1	1	2	1	1	1	2	3	4	3	2	4	4	3	3	3	2	3	3	2	2	3	1	2	
23	0	0	0	0	0	0	0	1	2	1	3	3	3	3	4	3	1	1	2	3	2	2	0	0	0	
24	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	1	1	1	1	1	1	1	
25	0	0	0	0	0	0	0	1	2	2	2	3	4	4	3	2	2	2	0	1	1	1	1	1	1	
26	1	1	1	1	1	1	1	1	2	2	2	2	2	2	****	****	3	1	1	1	1	1	0	1	1	
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	5	6	4	1	1	
28	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0
31	0	0	0	0	1	1	0	0	1	1	0	0	0	1	1	1	1	2	3	3	3	3	3	2	1	
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	2	

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	3	3	3	2	****	3	****	3	3	3	3	2	3	3	2	1	1	0	2	0	2
2	0	0	1	0	0	0	1	3	3	3	2	1	2	1	1	1	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	5	5	3	3
4	1	1	1	1	1	1	2	2	2	3	2	3	2	2	3	4	4	3	2	3	3	1	3	2	3
5	3	4	3	4	4	5	4	4	4	4	3	3	3	3	3	3	3	1	2	3	3	3	4	4	2
6	2	1	1	1	1	1	1	2	2	2	3	3	3	3	2	3	1	2	2	3	3	2	2	2	2
7	4	2	2	1	1	1	1	3	3	3	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3
8	2	2	3	3	3	3	3	3	1	3	3	0	0	0	0	0	0	0	0	1	2	2	2	2	1
9	3	3	3	3	3	4	5	1	1	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1
10	1	0	1	1	0	1	2	0	0	0	0	0	0	0	3	3	3	2	3	3	3	6	6	6	2
11	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	4
12	4	4	3	3	3	4	5	5	4	4	5	5	5	4	4	4	4	3	2	2	1	2	3	2	4
13	1	1	0	1	0	0	0	0	1	1	2	1	2	2	2	2	1	0	0	0	2	1	1	2	1
14	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	2	1	1	0	2	1
15	2	2	2	1	1	1	2	3	****	2	3	4	3	3	3	2	2	1	1	0	0	0	0	0	1
16	0	0	0	0	0	0	1	2	2	2	1	0	1	1	1	1	1	1	1	2	2	2	2	1	2
17	0	1	1	2	1	2	3	3	3	1	2	2	2	2	1	1	2	2	2	2	2	2	2	1	1
18	1	1	2	2	1	1	2	2	2	2	2	1	1	1	1	0	1	1	1	2	3	4	3	3	1
19	1	1	0	0	0	0	0	0	0	0	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2
20	3	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
21	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
22	3	4	3	1	0	2	2	1	2	****	2	2	2	1	2	2	2	4	4	5	5	4	5	3	3
23	3	3	3	3	4	3	4	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	1	1
24	4	5	2	2	2	2	2	2	1	1	0	1	1	1	1	2	2	1	1	2	1	1	1	1	1
25	3	1	1	1	1	1	1	2	2	1	1	2	3	3	2	2	3	5	2	2	3	3	4	3	1
26	1	1	0	0	1	1	0	1	1	1	1	2	0	1	1	0	0	1	1	2	3	3	4	2	2
27	4	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	5	5	4	2
28	2	2	3	5	4	4	4	****	****	****	****	3	2	2	2	2	1	1	2	3	4	4	4	4	3
29	3	3	3	3	3	3	4	5	4	3	2	2	3	2	3	3	3	3	3	3	4	4	4	4	3
30	3	3	3	3	3	3	3	4	3	3	2	2	3	2	3	2	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	4	3	4	4	4	4	4	4	4	5	4	4	4	3	3	3	3	4	4	4	3	4
2	3	3	3	3	3	2	3	3	3	3	3	2	2	2	1	0	1	1	1	1	1	2	2	2	2
3	1	2	2	3	2	3	3	3	2	2	2	2	1	1	1	2	1	1	0	0	1	1	2	1	2
4	1	1	0	0	1	2	1	1	0	0	1	1	1	1	1	1	1	1	0	0	2	2	2	1	1
5	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
6	4	2	1	0	0	1	1	2	1	1	3	3	2	2	1	1	1	1	1	1	2	2	4	5	1
7	3	5	6	5	6	6	3	3	3	3	3	2	2	2	2	2	2	1	1	2	3	5	7	5	2
8	4	4	6	5	5	4	4	3	3	3	3	3	2	2	2	1	0	0	2	3	5	6	5	4	4
9	2	1	1	1	0	1	2	2	2	2	2	1	1	1	2	2	2	1	2	2	3	3	3	3	3
10	2	3	3	3	3	1	1	1	1	2	2	3	4	3	3	1	1	0	0	2	2	0	0	0	2
11																									
12																									
13	*****	*****	*****	*****	*****	*****	*****	*****	*****	3	4	5	6	6	5	4	5	6	6	6	6	6	6	5	*****
14	5	6	8	8	7	6	7	6	5	7	9	8	8	7	7	7	7	7	7	7	8	7	7	7	7
15	7	7	7	7	7	7	8	8	8	7	7	7	7	7	6	7	7	7	7	7	7	7	7	7	7
16	7	7	7	7	7	6	7	4	2	2	2	2	2	2	1	2	1	0	0	0	0	2	3	2	3
17	2	2	2	2	1	2	2	2	2	1	0	0	0	0	0	1	2	2	2	4	5	2	2	1	2
18	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	1	3	2	1
19	2	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	2	4	2	2	2
20	2	1	1	0	1	1	0	1	1	0	1	2	1	1	1	3	3	1	0	1	1	0	1	0	1
21	1	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	1	0	0	0	1	2	2	2	2	1	1	1	0	0	0	1	2	3	3	4	1
23	4	4	3	4	3	2	4	4	3	3	3	1	2	2	2	2	2	3	3	3	3	3	2	3	3
24	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	4	3	2	3	4	6	5	5	4	4
25	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	5	4	5	5	6	4
26	5	5	5	5	4	4	5	5	5	4	4	2	1	1	1	2	2	3	3	5	4	4	6	4	4
27	3	2	3	4	4	4	6	5	4	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	3
28	5	5	5	3	2	4	4	4	4	4	4	4	4	3	3	5	4	3	4	5	5	7	6	6	4
29	5	5	5	5	5	5	6	7	6	5	5	5	5	5	5	4	4	4	4	5	4	5	5	5	5
30	5	4	5	5	5	6	6	5	5	5	5	5	4	4	4	5	*****	*****	*****	*****	*****	*****	*****	*****	5
31																									
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	3	3	3	4	3	3

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	4	4	4	4	6	7	8	8	8	*****
8	8	8	8	8	8	10	10	10	10	10	9	7	5	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
9	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
10	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	5	5	5	5	4	5	5	6	6	*****
11	6	6	7	7	8	9	11	*****	4	4	3	3	1	1	1	1	1	1	0	1	1	1	1	1	4
12	1	2	1	2	2	3	*****	5	5	5	5	*****	4	4	3	2	1	1	2	2	3	5	7	6	3
13	7	7	7	6	7	7	9	7	7	7	6	5	3	*****	4	5	5	5	5	5	*****	*****	*****	*****	6
14																									
15																									
16																									
17																									
18																									
19																									
20	*****	*****	*****	*****	*****	*****	*****	4	2	1	0	1	0	1	0	0	0	0	0	1	2	2	1	1	1
21	1	1	0	0	0	0	0	0	1	1	2	2	2	2	2	1	0	0	1	3	1	1	*****	*****	1
22																									
23																									
24	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
25	11	16	15	12	11	9	7	11	15	13	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	6	8	8	18	*****
26	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
27	2	3	2	0	3	7	8	10	10	10	8	7	8	6	10	9	8	7	7	6	8	4	4	2	*****
28	3	8	3	2	9	12	11	11	10	5	6	6	6	8	6	6	6	6	5	6	11	9	9	8	7
29	5	4	4	2	4	6	4	5	8	9	9	7	7	11	11	10	7	9	7	11	10	*****	*****	*****	7
30																									
31	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
MEAN	5	6	5	4	6	7	7	7	7	0	5	4	4	4	4	4	4	3	3	4	5	5	6	7	5

PERCENTAGE OF DATA VALID - 34

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	4	3	2	1	2	3	4	6	8	8	7	8	8	6	5	6	6	6	7	6	7	8	6
2	7	7	6	5	5	4	3	2	5	6	5	4	4	4	4	3	2	1	0	0	0	0	0	0	3
3	0	0	0	0	0	0	1	1	2	2	1	1	2	3	3	3	2	2	2	4	3	2	3	4	2
4	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	3	4	6	8	5	7	5	4
5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	3	2	3	3	3	3	3	3	4	4	4	5	7	8	8	8	8	8	9	10	10	10	10	11	6
7	12	12	13	14	13	13	10	7	4	2	2	1	6	8	8	8	8	8	9	10	10	10	10	11	6
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	5	5	5	4	4	4	4	3	4	4	4	4	5	5	5	5	4	4	4	5	5	4	5	5	4

PERCENTAGE OF DATA VALID - 20

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MEAN
1												- DATA MISSING -												
2												- DATA MISSING -												
3												- DATA MISSING -												
4												- DATA MISSING -												
5												- DATA MISSING -												
6												- DATA MISSING -												
7												- DATA MISSING -												
8												- DATA MISSING -												
9												- DATA MISSING -												
10												- DATA MISSING -												
11												- DATA MISSING -												
12												- DATA MISSING -												
13												- DATA MISSING -												
14												- DATA MISSING -												
15												- DATA MISSING -												
16	6	6	5	5	5	5	5	5	4	2	1	1	1	1	1	1	2	3	3	3	2	1	2	6
17	6	6	5	5	5	5	5	5	4	2	1	1	2	3	3	3	3	3	2	1	2	2	2	6
18	2	1	1	2	1	1	1	2	2	3	2	2	3	4	5	6	4	3	3	2	1	2	2	2
19												- DATA MISSING -												
20												- DATA MISSING -												
21	3	3	3	2	2	2	3	3	3	3	2	2	2	2	1	2	2	1	1	1	2	3	3	3
22	4	4	4	4	4	4	4	4	3	3	2	4	5	5	6	6	6	7	6	5	5	5	5	4
23	1	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	4	4	5	4	3	1	3
24	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	1	2
25	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
26	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	2	2	1	1	1	1	2	1	1
27	1	1	1	0	0	0	0	0	0	3	5	5	5	6	6	5	7	6	3	2	2	2	2	3
28	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1
29	2	2	1	1	1	1	1	1	1	2	3	3	4	4	4	4	4	5	4	4	4	5	4	5
30	4	4	4	3	3	3	3	3	4	3	3	3	4	4	4	5	5	6	7	7	5	4	4	4
31	4	4	3	3	3	3	3	4	4	2	2	2	4	5	4	4	4	5	5	5	5	6	5	4
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 41

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	2	5	9
FEB	17	2	4	9
MAR	28	2	4	6
APR	30	2	4	7
MAY	30	2	4	8
JUN	30	2	4	6
JUL	28	3	7	9
AUG	15	5	7	18
SEP	8	4	6	14
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC	15	3	4	7
YEAR	229	2	7	18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	157	317	102	1	0	0	577
FEB	108	179	63	1	0	0	351
MAR	319	274	40	0	0	0	633
APR	265	333	81	0	0	0	679
MAY	315	238	92	0	0	0	645
JUN	275	351	87	0	0	0	713
JUL	190	230	231	1	0	0	652
AUG	50	45	118	39	2	0	254
SEP	19	48	67	13	0	0	147
OCT		DATA MISSING					
NOV		DATA MISSING					
DEC	111	101	94	0	0	0	306
YEAR	1809	2116	975	55	2	0	4957

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
67	0	0.3	0.8	1.5	2.4	4.2	5.4	7.0	8.5	18	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	4	4	0	2	2	2	2	1	1	1	1	1	1	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	4	4	4	4	4	4	4	4	4	4	4	4	1	0	0	0	0	0	0	0	0	0	0	0	4
9	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	1	2
21	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	4	4	4	4	4	3	3	2
22	3	2	2	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4	5	4	3	2	2	3	2
29	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	5	9	10	6	6	5	5	4
30	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	4	5	9	10	6	6	5	5	5	4
31	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	4	4	5	5	5	4
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	4	3	3	3	4	4	5	5	5	6	7	9	8	12	10	8	8	7	7	6
2	7	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	5	4	4	4	3	5
3	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	1	****	1	2	2	3	3	3	2	3	3	3	3	3	3	2
5	3	3	3	3	3	3	2	3	3	3	3	3	3	4	5	5	5	7	5	5	5	3	3	2	4
6	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4	5	8	6	3	3	3	3	3
7	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	5	8	6	6	6	6	5	4
8	5	4	4	4	4	4	4	4	5	5	5	5	6	6	7	9	10	13	15	13	11	10	10	7	8
9	9	7	6	5	4	4	4	4	5	5	6	7	8	9	9	10	11	12	14	14	12	11	10	9	8
10	8	7	7	6	6	6	7	8	8	7	8	9	9	9	10	11	11	12	13	14	13	13	12	10	10
11	11	10	10	10	9	9	8	8	7	7	3	3	2	4	4	5	5	4	4	5	5	5	4	4	6
12	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	1	0	2
13	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	3	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
26	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
29	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	6	9	10	10	11	10	10	10	5
MEAN	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	4	5	5	6	6	5	5	4	4	4

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	8	7	6	6	7	7	7	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	9
2	10	10	8	7	6	5	5	5	5	5	****	3	3	3	3	3	3	5	5	5	4	4	3	2	5
3	2	2	1	0	0	0	0	0	0	0	0	1	1	1	2	4	4	5	5	4	3	3	3	****	2
4	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	2	2	2	2	2	2	2	2	****
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	6	7	8	9	9	9	9	8	6	5
10	5	5	4	4	4	4	4	4	3	3	4	4	4	4	6	6	7	8	9	7	6	5	4	3	5
11	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	6	8	9	10	8	7	7	6	4	5
12	3	3	2	1	1	1	1	1	1	1	2	3	3	5	6	7	9	11	12	12	10	10	7	6	5
13	3	2	2	2	1	1	1	1	1	2	2	2	2	3	4	5	5	6	5	5	5	4	4	3	3
14	3	3	3	3	3	3	3	3	3	3	4	4	5	6	7	8	11	11	11	10	9	7	7	6	6
15	6	5	3	3	3	4	4	4	4	5	6	6	7	7	7	7	8	9	9	7	5	5	4	3	6
16	3	3	3	3	2	2	2	2	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	2	1
17	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
18	1	1	1	1	1	2	2	2	2	2	3	3	4	4	4	4	5	6	6	5	4	3	2	3	3
19	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	5	6	6	6	5	4	4	3	2
23	3	3	2	2	2	2	2	2	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	3
24	4	4	3	3	3	4	4	3	3	3	4	4	5	5	5	5	6	6	6	6	5	4	3	3	4
25	3	3	3	3	3	3	3	3	3	3	3	4	5	6	6	6	6	7	7	6	6	6	6	5	5
26	5	5	4	4	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	6	6	6	6	5	5
27	5	5	5	4	4	4	3	5	5	5	5	5	6	6	6	6	7	7	6	6	5	5	4	5	5
28	4	5	5	4	4	4	4	4	5	5	5	5	6	6	6	6	6	7	7	7	7	6	6	5	5
29	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	5	5	5	5
30	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	6	6	6	6	4	4	5	6	7	7	6	5	5	4	4	5
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4

PERCENTAGE OF DATA VALID - 7

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	4	4	0	2	2	2	2	1	1	1	1	1	1	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	3	2	2	2	2	2	2	3	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	5	4	3	2	2	3	2
30	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	4	5	9	10	6	6	5	5	4
31	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	4	4	5	5	5	4
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	4	4	4	4	4	3	3	3	4	4	5	5	5	6	7	9	8	12	10	8	8	7	7	6	
2	7	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	5	4	4	4	3	5	
3	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	
4	1	1	1	1	1	1	1	1	2	1	***	1	2	2	3	3	3	2	3	3	3	3	3	3	2	
5	3	3	3	3	3	3	2	3	3	3	3	3	3	4	5	5	5	7	5	5	5	3	3	3	2	
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	8	6	3	3	3	3	4	
7	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	5	8	8	6	6	6	5	4	
8	5	4	4	4	4	4	4	4	4	4	5	5	6	6	7	9	10	13	15	15	13	11	10	10	7	
9	9	7	6	5	4	4	4	5	5	5	6	7	8	9	9	10	11	12	14	14	12	11	10	9	8	
10	8	7	7	6	6	6	7	8	8	7	8	9	9	9	10	11	11	12	13	14	14	13	13	12	10	
11	11	10	10	10	9	9	8	8	7	7	3	3	2	4	4	5	5	4	4	5	5	5	4	4	6	
12	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	5	4	4	2	
13	0	0	0	0	0	0	0	0	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
14																										
15																										
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	
17	3	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	0	0	0	1	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	***	***	***	***	***	***	***	0	
19																										
20																										
21																										
22																										
23																										
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	3	2	3	3	2	1	0	0	***
25	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	4	4	4	3	3	3	2	2	
26	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	1	1	
27	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2	
29	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
30	2	2	2	2	2	3	2	2	2	2	2	2	3	4	5	6	9	10	10	11	10	10	10	10	5	
MEAN	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	4	5	5	6	6	5	5	4	4	4	

PERCENTAGE OF DATA VALID - 69

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	8	7	6	6	7	7	7	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	9
2	10	10	8	7	6	6	7	7	7	8	8	9	9	9	9	9	9	9	10	10	10	10	10	10	9
3	2	1	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	***	***	***	***	***	6	6	7	8	9	9	8	6	5	5	5
10	5	5	4	4	4	4	4	4	3	3	4	4	4	4	6	6	7	8	9	9	7	6	5	4	5
11	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	6	8	9	10	8	7	7	6	4	5
12	3	3	2	2	1	1	1	1	1	1	2	2	3	5	6	7	9	11	12	12	10	10	7	6	5
13	3	3	3	3	3	3	3	3	3	3	4	4	5	6	7	8	11	11	11	10	9	7	7	6	6
14	6	5	3	3	4	4	4	4	0	0	6	6	7	7	7	7	8	9	9	7	5	4	3	3	6
15	3	3	3	3	2	2	0	0	0	0	6	6	7	7	7	7	8	9	9	7	5	4	3	3	6
16	3	3	3	3	2	2	0	0	0	0	6	6	7	7	7	7	8	9	9	7	5	4	3	3	6
17	1	1	1	1	1	1	1	2	2	2	2	2	0	0	0	0	0	1	2	2	1	1	1	2	1
18	1	1	1	1	1	2	2	2	2	2	3	3	4	4	4	4	5	6	6	5	4	3	2	3	3
19	3	2	2	2	2	2	1	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	***	***	***	***	***	***	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	5	6	6	6	6	5	4	3	2
23	3	3	2	2	2	2	2	2	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	3
24	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	6	6	6	6	6	5	4	3	4
25	3	3	3	3	3	3	3	3	3	3	3	4	5	6	6	6	7	7	7	6	6	6	5	4	5
26	5	5	4	4	4	4	4	4	4	4	4	5	6	6	6	6	7	7	7	6	6	6	5	4	5
27	5	5	5	4	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	6	6	6	5	4	5
28	4	5	5	4	4	4	4	4	4	4	4	4	5	6	6	6	7	7	7	6	6	6	5	4	5
29	5	5	4	4	4	5	4	5	5	5	5	5	6	6	6	6	7	7	7	6	6	6	5	4	5
30	5	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	6	6	6	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	6	6	6	6	4	4	5	6	7	7	6	6	5	4	4	5
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	4	4	4	4

PERCENTAGE OF DATA VALID - 97

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH AUG 70

PERCENTAGE OF DATA VALID - 75

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 70

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
3	10	10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	9
4	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8
5	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8
6	9	9	9	9	9	10	10	10	10	10	10	10	10	10	11	12	12	13	13	13	13	12	12	12	11
7	12	12	12	12	12	12	12	12	12	12	12	12	13	13	15	14	15	15	15	15	15	14	14	13	13
8	13	13	13	12	12	12	12	12	12	12	12	12	2	3	3	4	5	5	4	4	4	4	3	3	7
9	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
10	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11																									
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27																									
28																									
29																									
30																									
31																									
MEAN	7	7	7	7	7	7	7	8	8	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	7

PERCENTAGE OF DATA VALID - 33

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
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23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	3	3	4
2	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6	****	****	****	****	****	****	****	****	****	****
3																									
4																									
5																									
6																									
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	1	****
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1
10	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
11	3	3	3	3	3	2	2	2	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
12	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	2	2	1	1
13	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	1	1	1	****
31	1	0	1	0	0	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 32

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - SIMCOE HORTICULTURAL STATION NO 16001
POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR	3	4	4	4
MAY	31	1	4	10
JUN	23	4	10	15
JUL	31	4	9	12
AUG	25	3	5	8
SEP	20	3	7	9
OCT	12	7	13	15
NOV	28	2	5	8
DEC	12	2	4	6
YEAR	185	3	13	15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - CARBON MONOXIDE
STATION - SIMCOE HORTICULTURAL STATION NO 16001

UNIT - PARTS PER MILLION

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR	0	16	41	0	0	0	57
MAY	492	174	38	2	0	0	706
JUN	154	167	128	51	0	0	500
JUL	128	247	313	35	0	0	723
AUG	207	171	184	0	0	0	562
SEP	102	190	128	5	0	0	425
OCT	46	21	87	97	0	0	251
NOV	382	183	86	0	0	0	651
DEC	115	75	51	0	0	0	241
YEAR	1626	1244	1056	190	0	0	4116

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
62	0	0.3	0.8	1.6	3.0	5.8	7.8	9.8	11.6	15	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JAN 70

	JAN 70																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	5	6	6	4	4	3	4	4	4	3	3	3	3	5	4	4	6	4	4	4	3	2	4
2	2	3	3	3	4	4	8	13	17	***	5	3	4	7	7	5	4	7	6	5	4	4	4	3	5
3	3	3	4	1	1	1	0	0	0	0	1	0	1	1	3	2	3	1	3	3	3	2	2	1	1
4	1	1	1	1	1	0	3	0	0	0	0	1	1	1	1	2	2	2	2	2	1	1	3	4	1
5	2	1	1	0	2	3	3	3	5	5	3	4	4	2	3	3	6	3	3	3	3	6	2	3	1
6	1	1	2	2	2	3	4	5	6	2	2	1	2	3	3	5	6	5	4	3	4	3	2	2	3
7	2	1	0	0	1	0	4	4	7	6	4	2	3	6	6	4	6	4	1	0	0	0	0	0	3
8	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	1	2	0	0	0	1	1	1	0	0
9	0	0	0	0	0	0	0	0	0	1	0	1	1	2	2	2	4	5	4	3	2	2	1	1	0
10	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	2	3	4	4	4	4	4	4	2
11	3	2	2	2	1	1	1	1	2	2	2	3	3	3	3	3	4	5	4	4	4	3	5	3	3
12	5	4	4	4	4	4	4	5	9	5	***	3	3	2	2	5	9	5	5	2	2	2	3	2	4
13	1	0	0	0	1	1	1	3	4	3	2	1	1	1	1	1	2	1	0	0	0	0	0	1	1
14	0	0	0	0	0	0	1	1	1	1	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	2	1	1	1	2	3	5	7	8	6	4	5	6	7	8	0
16	5	4	3	2	3	5	7	10	11	5	5	2	5	1	1	0	3	5	4	3	4	4	5	4	4
17	5	4	4	4	4	5	5	5	5	5	5	4	4	4	5	5	***	***	5	5	6	5	4	4	4
18	3	3	3	3	2	2	2	1	1	2	1	2	3	4	4	4	4	4	3	3	3	2	3	3	3
19	5	4	3	2	2	2	2	2	2	2	2	2	4	4	4	4	4	5	5	5	6	5	6	5	3
20	2	1	1	0	1	2	1	2	4	4	3	2	2	2	2	2	3	3	2	3	3	2	2	2	2
21	2	2	1	1	2	2	1	0	1	0	0	0	1	2	2	2	2	3	3	2	2	1	0	1	1
22	0	0	0	0	0	0	0	***	3	4	3	2	3	3	6	8	7	7	5	5	3	3	3	3	3
23	2	2	3	2	2	3	4	4	4	4	5	5	5	5	***	3	3	3	3	2	5	2	1	3	3
24	3	3	3	3	2	2	3	4	3	2	3	3	4	5	7	7	8	5	4	5	4	4	4	4	4
25	3	3	3	3	3	2	2	3	4	3	3	3	3	3	6	4	6	5	4	4	3	2	3	3	3
26	4	4	3	3	3	2	2	***	3	3	3	3	3	3	7	7	8	5	4	5	5	4	4	4	4
27	5	5	4	4	3	3	5	8	10	6	5	5	5	3	3	3	3	3	3	3	3	4	5	5	3
28	4	4	3	3	3	3	5	7	8	4	4	3	2	2	5	6	5	6	5	5	5	4	4	4	5
29	1	1	1	0	1	1	1	2	3	3	2	2	2	2	5	10	14	10	13	7	3	2	2	2	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	3	2	2	2	1	1	0	2
31	1	1	1	1	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	3	4	3	2	2	3	3	3	4	4	4	3	3	3	3	2	3	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	2	2	1	1
2	1	0	1	1	1	1	2	2	5	3	8	7	1	3	3	2	2	1	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	2	1	0	0	1	2	1	1	1	2	1	0	1	1	1	1	1	1
4	1	1	0	0	0	1	1	2	1	1	1	2	2	1	3	5	6	7	5	5	4	3	3	4	2
5	2	2	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3	4	3	3	4	3	3
6	4	3	3	3	2	2	3	4	5	4	3	3	2	3	3	5	3	4	3	2	2	3	2	3	3
7	3	3	2	2	2	2	4	4	2	1	2	3	3	3	3	3	3	4	4	5	4	5	7	7	3
8	6	7	6	5	4	4	4	4	3	4	3	4	4	5	6	5	6	4	4	4	5	4	4	4	5
9	5	4	4	5	6	5	6	6	5	1	2	1	1	4	4	3	3	4	1	5	5	5	4	3	4
10	5	4	5	4	4	5	3	2	9	4	4	3	7	4	5	8	8	4	4	2	3	4	3	4	4
11	4	2	1	1	1	1	1	2	1	4	5	5	3	3	3	3	4	3	4	1	1	2	2	2	2
12	2	2	2	2	2	2	6	6	6	3	3	2	2	6	1	2	3	4	3	6	3	3	4	2	3
13	5	1	3	2	3	3	1	4	5	***	***	***	***	***	***	5	4	4	2	2	3	6	5	4	4
14	5	7	9	7	5	4	3	7	12	1	4	3	3	3	3	6	5	6	5	5	4	4	4	5	5
15	5	4	3	3	3	2	2	2	1	1	1	1	1	2	3	5	5	6	4	4	3	4	3	3	3
16	3	1	1	1	1	2	2	4	3	4	5	4	3	4	5	7	8	7	5	5	5	4	6	4	4
17	4	4	4	4	2	1	1	3	3	2	2	3	2	4	5	5	6	9	8	9	8	7	6	4	4
18	5	4	3	3	2	2	2	3	4	3	4	3	3	4	4	5	6	4	7	8	6	5	4	4	4
19	5	4	3	2	2	2	1	1	0	0	2	2	2	3	3	2	4	3	1	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	***	***	***	0	0	0	0	2	2	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0
23	0	0	0	0	0	0	0	***	1	0	1	3	3	3	3	3	3	3	2	2	2	2	1	1	1
24	1	1	0	0	0	1	2	2	3	2	3	5	5	5	4	5	6	6	5	5	5	5	4	3	3
25	4	3	3	3	4	4	3	3	2	1	1	1	1	1	1	1	1	0	0	1	1	2	3	4	2
26	3	2	1	1	2	2	2	4	4	4	4	5	6	7	7	8	10	10	10	9	9	10	9	6	6
27	8	8	7	6	5	6	7	9	9	8	8	7	5	5	6	6	7	7	7	7	7	7	6	6	7
28	6	5	5	5	4	4	5	4	5	5	5	5	5	6	6	6	6	6	6	7	8	8	8	8	6
MEAN	3	3	2	2	2	2	2	3	3	2	3	3	3	3	3	4	4	4	3	4	3	4	4	3	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	9	7	7	7	6	7	6	7	8	8	8	8	8	8	7	7	7	8	8	8	9	10	8
2	9	8	8	7	6	6	5	7	3	4	3	6	5	5	5	6	5	5	5	5	5	5	6	6	6
3	6	5	5	5	6	6	6	6	6	6	6	8	8	9	8	8	7	6	6	4	5	5	6	6	6
4	6	5	4	3	3	3	4	4	4	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3
5	2	2	2	2	2	2	3	3	3	2	3	3	3	2	6	6	6	5	6	5	4	4	4	4	4
6	4	4	4	3	3	2	3	4	3	3	3	3	4	4	4	4	4	3	3	3	3	3	2	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	3	3	2	1	2	1	1
8	1	0	0	0	0	0	0	0	2	1	2	2	3	3	3	5	5	4	3	3	2	2	2	2	2
9	2	2	2	2	1	0	1	3	3	4	7	****	4	4	4	6	4	4	3	3	3	3	4	4	3
10																									
11	3	3	2	1	1	1	1	2	2	1	1	****	3	4	4	4	5	5	4	4	5	5	4	4	3
12	4	4	3	3	3	3	4	4	3	3	6	7	8	8	7	6	5	5	3	3	3	3	3	3	4
13	3	3	3	3	3	4	5	7	6	3	2	2	1	1	2	2	3	3	3	2	3	3	2	3	3
14	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	4	4	5	2	
15	4	4	4	3	2	2	2	2	2	3	2	2	3	4	****	****	****	****	****	****	****	****	****	****	****
16	1	0	0	0	0	0	0	0	0	3	2	2	2	4	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	3	3	4	6	6	6	7	7	7	5	6	7	8	5	5
18	5	5	4	4	4	4	5	5	6	6	6	6	6	6	7	7	7	7	5	6	7	8	5	5	5
19	4	4	4	4	3	3	4	4	4	4	5	5	4	4	5	5	5	5	5	6	7	8	5	5	5
20	5	4	4	4	4	4	4	4	5	6	9	10	10	7	6	5	6	7	6	5	6	6	5	5	5
21	5	5	4	4	4	4	4	4	5	5	5	6	6	6	5	5	5	5	5	5	5	6	9	5	5
22	8	7	7	7	7	7	7	9	7	6	6	6	6	7	8	8	7	7	7	7	7	7	7	7	7
23	6	6	6	7	5	4	5	5	6	3	5	4	3	3	3	4	4	4	3	3	3	3	3	3	4
24	2	2	1	1	1	2	2	3	****	4	6	5	3	3	3	4	4	4	3	3	3	3	3	3	3
25	3	3	3	3	2	3	3	5	5	3	4	2	2	2	1	0	0	1	1	2	1	1	2	2	2
26	3	3	4	6	7	6	6	6	7	7	7	7	9	13	11	8	5	5	5	6	5	5	5	6	6
27	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	6	5	5	5	4	4
28	5	4	4	4	4	4	4	5	5	5	6	7	6	6	5	5	5	4	4	4	4	4	4	4	5
29	3	3	3	3	3	3	3	3	3	2	2	3	4	5	5	6	6	7	7	7	7	6	4	4	4
30	4	4	3	3	3	3	5	8	8	8	7	7	7	7	7	7	8	8	8	8	9	8	6	6	6
31	7	5	4	4	4	4	4	4	4	6	4	3	4	3	2	2	1	1	1	1	2	2	2	2	3
MEAN	4	4	4	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	1	5	6	6	5	4	2	2	2	2	3	2	2	2	1	2	3	3	3	3
2	3	4	3	4	4	4	4	5	3	5	4	3	4	5	3	3	5	2	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	1	2	3	3	2	3	3	3	4	3	3	3	3	4	4	2	2
4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	4	2
5	4	3	2	1	1	1	1	1	0	0	0	0	1	1	1	2	1	2	2	2	3	2	3	4	2
6	4	3	3	3	3	3	7	6	8	5	7	4	8	4	4	7	10	7	3	2	2	3	4	5	2
7	3	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1
8	1	1	1	2	1	2	3	3	4	2	1	1	1	1	2	2	2	2	1	1	0	0	1	1	1
9	0	0	0	0	0	0	1	2	2	2	1	0	0	2	4	2	1	1	0	1	2	2	2	2	1
10	2	2	2	3	3	3	4	4	3	3	4	5	4	5	5	5	5	5	4	4	3	2	2	4	4
11	3	4	4	3	3	3	4	3	3	3	3	4	3	3	2	2	3	3	4	2	2	2	2	3	3
12	2	2	3	3	3	3	3	3	3	3	5	8	5	3	4	3	3	2	2	3	4	3	2	3	3
13	3	3	3	3	3	3	5	5	****	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2
14	2	2	2	2	2	2	2	2	5	3	1	2	1	1	2	3	5	3	1	1	1	1	1	1	2
15	1	1	2	0	0	0	0	0	2	3	3	1	1	4	4	8	5	2	1	0	0	0	0	0	2
16	0	0	0	0	0	0	2	3	8	10	10	10	13	8	8	8	9	7	4	3	2	3	6	5	2
17	4	5	8	6	5	4	7	8	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18	2	2	1	1	2	2	2	2	2	2	2	1	1	3	3	4	3	3	1	0	0	0	0	0	2
19	1	1	2	2	2	2	3	3	2	3	2	2	2	3	4	4	4	3	3	3	4	4	4	4	3
20	4	4	4	4	4	4	7	9	****	5	4	3	3	3	3	2	3	3	3	6	3	1	2	4	4
21	2	2	1	2	3	4	4	8	5	2	2	2	1	4	4	3	4	3	3	3	3	2	2	3	3
22	3	3	3	3	3	3	4	5	4	3	3	2	3	2	2	1	1	1	1	1	1	1	1	3	2
23	3	4	3	1	2	3	1	1	4	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	1	1	****	6	10	8	2	0	0	1	1	2	4	5	4	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	1	0	0	0	0	0	1	0	0
27	0	0	1	1	0	1	1	0	1	2	2	2	2	4	6	2	0	0	0	0	1	0	1	1	1
28	0	0	1	1	0	1	0	0	1	1	2	2	2	4	6	2	0	0	0	0	1	0	1	1	1
29	0	0	0	0	0	0	0	2	8	7	7	3	3	3	4	3	1	0	0	0	3	6	6	1	2
30	1	0	0	2	3	6	11	10	9	10	13	10	15	10	10	14	11	9	10	9	10	9	7	8	8
MEAN	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	5	6	7	6	5	5	5	4	5	6	6	6	4	4	4	3	4	4	3	5	
2	4	3	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	
3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	3	
4	3	2	3	3	3	6	7	6	4	4	3	4	4	***	3	4	3	2	3	3	2	2	2	3	
5	1	1	1	1	2	9	6	4	5	4	3	3	4	3	3	3	2	1	1	0	1	2	2	3	
6	2	1	1	2	2	3	3	3	3	2	2	1	1	1	0	1	1	1	1	1	2	2	2	2	
7	2	2	2	3	3	4	5	5	5	4	4	3	2	4	5	4	2	2	2	3	3	2	2	3	
8	2	1	1	1	1	7	4	2	5	6	6	9	15	12	15	10	5	2	2	6	3	6	7	6	
9	2	2	3	4	3	7	6	4	4	3	4	3	4	2	8	18	7	7	6	2	4	3	2	1	
10	1	1	2	2	2	3	1	2	5	7	3	2	2	2	2	2	2	3	3	4	3	3	2	3	
11	2	2	1	1	2	4	4	4	2	1	1	5	7	6	6	8	4	3	3	3	3	2	2	3	
12	2	2	3	2	2	2	3	3	4	6	5	5	6	8	11	16	12	9	7	5	7	11	11	7	
13	7	7	5	5	5	8	7	13	10	8	7	14	13	15	19	19	9	7	5	6	7	6	6	9	
14	5	6	6	5	5	5	6	6	6	5	5	5	5	5	7	10	6	8	12	9	7	6	11	7	
15	7	6	5	5	5	6	6	7	6	6	5	5	10	11	12	16	19	13	3	4	4	9	7	8	
16	5	5	5	5	5	4	7	7	7	4	6	7	5	6	6	8	7	6	5	5	5	5	5	4	
17	4	4	4	4	4	4	4	3	4	4	4	4	3	4	4	4	3	3	3	3	5	5	4	4	
18	3	3	3	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	5	4	4	4	4	4	
19	3	3	3	3	3	5	6	6	5	5	5	5	4	4	5	5	5	4	4	4	4	4	4	4	
20	4	4	3	4	4	4	4	4	4	3	3	4	5	6	5	4	3	4	4	6	4	7	11	4	
21	4	3	2	3	4	12	7	5	6	6	7	7	7	6	7	7	6	7	8	8	7	9	8	6	
22	3	3	3	3	3	9	7	6	5	6	5	4	4	4	5	8	8	7	9	10	10	8	8	5	
23	7	7	8	8	11	10	10	7	7	7	12	11	9	10	10	8	8	10	11	12	13	16	21	16	
24	18	15	15	15	12	12	10	8	7	7	7	7	7	8	7	7	8	8	9	8	8	8	8	9	
25	8	7	7	7	9	9	14	9	9	9	10	13	18	***	14	6	12	5	4	3	3	2	2	8	
26	2	2	2	2	2	4	5	4	2	2	3	2	3	3	3	4	3	2	2	2	2	2	2	3	
27	2	2	2	2	2	4	4	4	3	2	2	2	3	3	3	4	3	3	3	3	7	9	6	3	
28	4	2	2	3	4	4	2	3	4	5	6	4	3	7	7	10	5	6	7	7	4	4	4	3	
29	5	5	4	5	5	4	4	3	2	2	3	2	4	4	4	4	3	3	4	4	3	5	10	6	
30	7	6	5	4	6	5	4	4	3	3	4	4	4	4	4	4	5	4	6	7	8	10	8	5	
31	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	6	4	
MEAN	4	4	4	4	4	6	5	5	5	4	5	5	5	5	6	7	5	5	5	5	5	6	6	4	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	7	7	****	6	7	5	6	5	4	4	8	7	4	6	6	5	5	5	4	5
2	3	3	2	3	3	5	7	6	5	5	4	4	3	2	2	6	5	3	4	4	3	4	4	3	4
3	2	2	2	2	3	3	3	3	3	3	3	3	2	1	2	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	4	4	7	7	7	5	6	7	7	6	6	5	4	3	4	6	7	6	6
5	5	5	4	4	4	6	7	6	5	4	4	4	3	3	3	2	3	3	6	5	3	2	3	3	4
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	6	5	3	2	3	3	3
7	5	5	4	4	3	4	4	4	3	4	3	3	3	3	3	3	3	4	4	3	4	3	4	3	4
8	3	3	3	3	3	5	7	6	5	4	3	2	****	4	5	6	5	4	5	5	7	8	7	7	5
9	6	5	5	5	6	7	9	10	9	9	7	7	8	11	12	13	11	9	10	9	9	9	8	8	6
10	7	7	7	7	8	10	10	11	8	9	8	****	2	3	3	4	4	3	3	3	3	3	3	2	6
11	1	1	1	1	2	4	4	4	3	3	3	2	3	3	3	4	4	4	6	5	3	3	2	1	3
12	1	2	3	1	1	2	2	2	3	2	3	2	2	3	4	2	2	2	2	1	1	1	1	1	2
13	1	1	1	2	2	3	3	2	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2
14	2	4	3	2	3	4	3	2	1	1	1	1	2	2	2	2	3	3	2	3	2	2	4	3	2
15	2	2	3	2	3	4	2	8	8	5	6	7	6	6	6	6	5	3	2	5	5	7	6	4	5
16	4	5	4	3	4	5	6	5	5	5	5	6	3	3	4	4	4	3	4	3	2	7	9	6	5
17	4	2	2	2	2	3	3	5	3	3	****	3	3	3	3	3	3	2	3	3	3	3	3	2	3
18	3	2	2	2	2	4	6	9	5	4	3	3	3	3	3	4	3	2	2	3	3	3	2	3	3
19	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1
21	2	5	4	3	3	3	3	2	2	2	1	1	2	1	1	1	2	2	2	3	3	4	5	4	3
22	3	2	2	2	1	4	5	4	3	3	3	3	3	2	3	3	6	4	5	3	2	2	3	2	3
23	3	2	2	2	2	4	7	6	5	3	3	4	4	4	4	6	5	3	3	4	3	4	3	2	4
24	2	2	1	2	2	4	6	5	4	5	4	3	3	3	3	4	3	3	3	3	2	2	1	1	3
25	1	1	1	1	1	2	2	2	2	2	1	1	1	2	4	3	4	3	2	3	4	5	5	4	2
26	4	3	4	4	4	4	4	4	3	2	2	1	2	4	3	4	3	3	1	1	2	4	2	2	3
27	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	4	3	3	2	2	3
28	2	2	2	2	2	4	4	4	6	4	3	3	3	4	4	4	3	3	3	3	3	3	2	2	3
29	2	2	2	2	2	4	4	4	4	3	2	2	3	2	2	2	2	2	4	2	2	4	7	3	3
30	2	2	2	2	2	4	3	4	3	2	2	2	3	2	2	2	2	2	4	2	2	2	4	7	3
MEAN	3	3	3	2	3	4	4	4	4	4	3	3	3	3	3	4	4	3	3	3	3	4	4	3	3

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	2	3	3	3	4	7	8	6	4	6	6	6	4	3	3	5	4	4	3	3	4
2	3	3	2	3	2	2	2	3	4	4	7	5	7	7	5	5	5	4	5	7	4	3	3	3	4
3	5	5	6	9	5	7	14	***	7	9	5	3	3	10	11	6	5	7	5	8	8	7	7	4	7
4	6	4	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	3	2	3	3	2	3
5	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	2
6	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	2	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	3	5	4	4	12	12	5	6	5	5	5	5	4	5	4	4	5	7	7	4	4	3	3	4
11	5	2	2	2	2	3	3	3	2	3	3	2	1	1	1	3	3	1	2	2	2	2	2	2	2
12	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	2	3	5	3	3	4	4	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	3	7	5	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3
15	0	0	1	1	1	3	5	5	5	5	5	4	4	4	4	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	5	6	6	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	4	3	3	3	3	3	3	3	2	2	3	5	4	5	5	5	4	4	5	3	2	2	2	2	3
19	4	4	3	3	4	4	4	4	3	4	5	4	4	4	6	4	5	4	5	7	6	7	7	7	4
20	4	3	3	3	4	6	8	8	6	6	6	5	7	6	5	4	3	3	2	2	2	2	2	2	5
21	3	3	3	3	3	4	5	4	3	3	3	3	3	3	3	3	3	2	2	2	4	4	4	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	4	4	4	3	3
23	5	3	3	3	3	7	7	7	3	3	2	2	4	4	5	5	3	1	2	3	5	5	5	4	3
24	5	4	4	5	5	9	5	5	5	5	5	7	6	5	5	7	4	5	4	4	4	4	4	3	5
25	3	3	3	2	2	3	3	3	3	3	3	3	7	5	4	5	5	5	6	4	4	4	4	3	5
26	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2
27	2	2	2	2	2	2	4	4	4	5	5	4	3	3	3	3	2	2	2	2	2	2	2	2	2
28	1	0	0	1	2	2	3	3	3	3	3	3	3	2	6	5	4	4	2	2	2	2	2	2	3
29	4	3	2	2	2	4	5	4	4	3	3	7	8	5	6	2	6	3	6	6	6	6	6	6	5
30	3	3	2	2	2	3	6	4	4	4	4	4	4	6	6	8	6	6	6	6	6	6	6	6	5
31	4	3	3	3	3	4	6	8	6	5	5	5	3	4	3	2	5	3	2	3	7	4	5	4	4
MEAN	3	3	3	3	3	4	5	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	5	6	6	5	0	2
2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	3	3	3	3	3	5	9	3	4	6	3	2	3	2	1	2	2	3	4	4	4	3	3	3	***
6	5	4	4	4	4	6	7	6	4	3	2	2	4	4	5	7	6	7	8	7	5	5	5	5	5
7	8	6	6	4	5	8	11	7	5	7	6	5	4	3	3	3	3	3	4	6	6	6	10	9	5
8	11	7	6	5	5	5	7	7	6	6	4	3	3	2	2	3	4	4	4	4	8	8	10	6	6
9	2	5	5	4	4	4	4	5	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	5
10	3	3	3	3	3	5	7	6	6	7	6	6	4	1	2	4	3	3	3	4	2	3	2	6	4
11	6	5	2	2	3	6	10	9	2	0	4	7	6	8	7	6	5	4	4	4	4	5	6	5	5
12	5	4	4	4	4	7	8	7	6	8	9	8	7	6	6	5	5	5	6	6	6	6	7	10	6
13	9	5	4	4	4	11	12	9	7	4	4	4	4	4	4	6	8	7	7	7	7	5	4	5	6
14	5	4	4	4	4	1	2	3	2	3	3	3	3	2	1	3	5	4	3	5	6	4	1	2	3
15	2	1	1	1	1	2	3	2	2	1	1	1	1	1	1	2	2	2	3	3	2	2	3	3	3
16	6	6	6	4	1	2	2	2	3	2	3	2	2	6	7	6	5	5	3	3	2	2	3	4	3
17	0	0	0	0	1	3	5	3	2	1	1	1	1	1	2	2	2	2	3	3	6	5	2	1	3
18	2	2	2	1	2	6	7	4	3	2	3	6	1	2	2	2	0	0	0	0	1	2	1	2	1
19	3	3	2	2	7	9	10	4	8	7	9	6	7	8	6	9	4	1	2	2	2	2	3	3	3
20	2	2	2	2	3	5	6	4	2	3	3	3	4	3	3	2	1	0	0	1	0	2	2	1	2
21	1	1	1	0	1	4	5	***	***	***	***	***	2	1	3	5	1	1	0	0	1	1	3	3	2
22	7	7	4	2	3	5	7	6	3	3	2	2	2	3	3	5	4	5	7	7	6	5	10	8	5
23	6	4	1	1	1	1	1	1	1	0	0	0	0	0	3	2	4	5	3	6	4	2	0	1	2
24	1	1	1	1	0	2	6	6	6	2	1	1	1	1	3	4	4	4	2	2	2	2	3	3	3
25	1	1	1	1	1	3	5	6	4	3	2	3	3	4	4	5	5	3	3	4	5	4	3	3	3
26	2	2	2	1	2	2	1	4	5	3	3	3	3	4	4	3	5	3	5	4	3	3	2	2	3
27	4	2	2	1	0	1	4	5	3	3	3	3	3	4	4	5	7	8	6	6	9	6	4	6	4
28	3	2	1	1	0	2	3	4	4	3	5	5	2	2	3	2	4	2	1	0	1	1	1	1	2
29	0	1	0	0	0	0	1	1	0	0	0	0	4	3	2	1	1	3	5	6	8	2	0	0	2
30	1	1	1	1	0	1	2	2	2	4	3	4	2	1	5	1	2	1	2	0	0	0	0	0	2
31	0	1	0	0	0	3	3	1	1	1	1	1	0	0	0	1	1	0	0	0	1	3	3	2	1
MEAN	4	3	2	2	2	4	5	4	4	3	3	3	3	3	3	4	4	3	3	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	15	17	17	17	30	55	45	35	30	22	10	2	1	2	2	1	1	0	1	1	1	4	4	14
2	2	2	2	2	2	5	10	7	4	3	3	3	3	4	5	8	5	5	8	7	4	7	8	6	5
3	2	2	2	2	2	6	8	6	4	5	5	5	5	6	9	11	9	7	4	4	4	3	3	1	5
4	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	1	2	3	4	3	3	5	2
5	5	2	1	1	1	1	1	1	1	2	2	1	1	1	0	1	1	1	2	2	2	2	3	3	2
6	2	1	1	1	1	2	2	2	1	1	1	0	1	1	1	1	0	1	1	1	1	2	3	5	1
7	4	3	5	7	5	6	3	2	4	3	4	4	2	2	2	3	2	3	2	2	2	3	2	2	3
8	2	2	2	1	4	11	12	4	4	5	6	7	***	***	***	***	***	***	***	***	***	***	***	***	***
9	5	4	3	2	2	5	6	6	4	5	3	3	4	4	8	9	7	6	6	4	4	7	4	4	5
10	4	2	1	1	2	7	8	7	4	4	4	4	3	2	2	2	2	0	3	4	4	4	5	3	3
11	2	2	1	2	2	5	6	6	4	3	3	2	3	3	4	4	3	3	7	7	4	2	4	4	4
12	2	2	2	2	4	11	11	7	3	6	7	7	6	6	7	6	5	7	8	7	6	5	4	3	6
13	2	2	2	2	2	2	2	2	1	0	1	1	1	1	3	3	1	1	1	1	1	3	3	3	2
14	2	3	3	3	3	3	3	3	7	4	5	5	5	3	3	2	4	3	1	3	3	4	5	3	3
15	3	3	2	2	2	3	4	4	3	3	4	1	6	6	9	10	6	9	11	7	9	5	6	9	5
16	4	3	2	2	2	3	4	4	2	2	1	1	2	3	2	2	0	0	1	1	1	2	3	6	2
17	7	6	3	2	3	6	16	5	7	6	6	4	6	8	8	8	8	6	5	4	3	3	3	7	4
18	2	3	3	2	3	3	4	5	2	3	3	3	3	7	1	1	1	7	8	5	4	5	3	7	6
19	3	2	1	1	2	2	3	4	4	1	3	3	4	4	3	3	2	4	10	5	3	2	1	4	3
20	8	9	6	5	6	6	4	3	2	1	3	4	4	4	4	3	9	4	3	4	1	3	9	11	5
21	6	3	3	3	4	4	7	5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	3	3	5	6	6	6	6	5	5	5	6	7	7	7	7	7	7	6
23	5	5	4	4	4	6	6	9	7	6	8	6	4	4	4	5	7	6	6	6	6	7	6	6	6
24	5	6	4	5	5	6	7	8	8	8	9	6	8	11	6	10	9	9	9	8	7	6	6	5	7
25	5	5	4	4	6	13	23	13	7	6	6	6	8	8	5	5	3	9	19	11	6	5	7	11	8
26	8	7	5	5	5	5	6	7	9	9	9	9	9	9	9	11	6	6	6	6	5	5	5	6	7
27	6	5	5	5	5	5	6	6	6	6	6	6	6	6	7	7	6	6	7	7	7	8	7	6	6
28	2	1	1	1	1	2	4	***	6	10	6	5	5	6	6	7	9	8	7	7	5	10	10	10	3
29	4	3	3	3	5	6	9	9	7	9	8	4	4	4	4	4	4	4	4	4	4	4	4	4	5
30	4	3	3	3	5	6	9	9	7	9	8	4	4	4	4	4	4	4	4	4	4	4	4	4	5
MEAN	4	4	3	3	4	6	8	7	5	5	4	4	4	4	4	5	4	4	5	5	4	4	5	5	5

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	0	3	3	5	7	3	2	7	12	17	12	8	7	4
2	2	1	2	0	0	3	6	5	1	1	1	1	7	7	9	10	7	8	8	6	7	7	7	7	5
3	5	5	4	4	4	5	5	6	6	6	6	6	5	4	4	5	4	4	5	5	4	5	5	5	5
4	4	4	4	4	4	4	5	5	4	3	3	4	5	3	4	3	3	5	6	6	9	8	6	5	5
5	4	4	4	4	4	5	8	10	14	11	8	8	9	9	12	17	18	13	11	11	14	15	9	7	10
6	***	***	***	***	***	***	***	***	3	3	3	3	5	5	5	7	4	4	4	4	5	6	4	4	4
7	3	3	3	3	3	3	6	9	8	5	4	5	6	5	9	12	9	9	5	16	8	11	12	10	7
8	11	7	5	5	5	8	22	***	7	8	9	7	8	8	9	9	5	4	4	5	5	7	4	8	7
9	6	5	5	5	6	14	11	20	10	7	6	6	5	6	6	6	6	3	14	9	8	19	20	17	9
10	23	4	2	2	2	5	4	4	4	4	3	4	4	5	6	6	6	3	2	3	7	5	5	4	5
11	4	4	3	4	4	4	4	5	3	4	3	3	3	2	2	2	2	2	2	2	2	3	4	4	3
12	4	3	3	4	4	4	4	4	4	4	5	5	6	5	5	4	4	4	5	3	5	6	8	6	5
13	4	3	4	4	4	4	5	5	5	4	5	4	6	6	6	12	5	11	9	3	3	4	7	10	5
14	5	6	5	4	4	5	8	12	7	6	4	4	6	7	6	5	4	3	2	2	2	2	4	4	2
15	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	4	4	2
16	3	3	2	2	3	3	5	6	6	4	3	2	2	2	1	1	1	1	4	4	4	3	3	3	3
17	5	4	2	2	2	2	3	3	3	3	4	5	4	3	5	4	2	2	3	3	4	3	3	3	3
18	3	3	2	3	3	3	3	3	3	3	2	3	3	2	2	2	2	2	2	4	2	2	2	2	3
19	2	2	2	3	3	4	5	***	3	2	3	3	0	1	6	11	9	8	8	8	10	14	15	13	6
20	10	8	9	9	12	24	23	26	21	17	17	14	10	9	10	6	1	1	4	7	***	***	***	***	12
21	***	***	***	***	***	***	***	***	***	***	***	7	7	9	12	16	11	11	10	6	8	7	6	6	***
22	6	4	3	2	4	7	7	4	5	4	4	3	2	1	8	11	9	6	2	2	1	1	1	2	4
23	2	1	1	1	1	1	1	1	2	4	5	3	7	6	4	8	11	15	11	9	3	3	3	3	4
24	4	3	4	3	3	3	2	3	3	4	3	5	5	8	8	6	8	10	4	16	4	7	6	9	5
25	6	6	4	3	3	3	4	2	3	3	3	3	3	3	4	3	3	2	3	3	2	4	4	3	3
26	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3	4	4	3	3	3	2	3	3	5	3
27	4	3	3	4	5	5	11	13	11	6	5	5	4	5	6	7	6	5	4	3	3	3	5	4	5
28	4	4	4	3	3	***	***	7	3	4	2	3	3	2	2	3	3	8	8	9	10	17	13	7	6
29	3	1	1	1	1	2	6	16	6	3	3	4	4	4	7	5	6	3	4	8	6	7	7	2	5
30	2	1	1	0	0	1	5	7	6	2	3	4	4	4	6	5	7	18	9	5	5	3	7	4	5
31	2	2	2	1	1	3	7	9	6	9	9	8	9	7	5	6	6	6	10	4	3	4	4	4	5
MEAN	5	3	3	3	3	5	6	7	5	5	4	4	5	5	6	7	6	5	5	6	5	7	6	6	5

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	0	0	0	0	0	2	2	1	1	5	5	10	12	10	8	9	2	3
2	1	1	1	1	1	1	2	2	2	2	1	***	5	7	10	13	16	10	9	8	8	9	8	5	5
3	7	7	6	6	6	6	6	6	6	6	6	6	6	6	7	8	11	10	6	9	6	6	7	7	7
4	7	6	6	6	6	6	6	6	7	7	8	7	7	6	6	6	6	7	6	6	9	8	9	9	7
5	8	7	7	7	7	7	7	9	8	7	6	6	7	7	7	8	7	7	7	6	8	9	9	10	8
6	8	8	7	7	7	7	11	11	11	9	9	8	8	9	9	11	12	11	11	11	11	10	10	9	9
7	8	8	7	7	8	8	8	9	9	7	7	7	8	9	9	6	6	6	6	6	6	6	9	12	7
8	13	11	11	11	9	9	10	9	9	10	9	9	10	10	9	9	10	11	11	14	14	20	18	24	12
9	13	13	15	13	12	18	29	29	26	9	7	5	5	5	9	12	14	13	8	2	5	7	8	6	12
10	4	2	1	1	1	2	6	6	4	4	4	4	4	4	6	7	7	7	7	7	4	17	6	5	5
11	4	3	3	2	2	3	5	8	4	3	7	9	9	9	11	10	8	4	3	2	3	3	2	4	5
12	5	4	3	3	2	2	2	3	3	2	2	2	1	0	1	2	3	3	3	3	3	3	2	3	3
13	3	3	3	2	2	2	3	3	4	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2
14	2	2	2	2	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	2	1	1	1	1
15	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	2	2	2	2	2	4	4	4	3	3	3	2	2	2	3	5	5	3	3	1	2	2	1	3
17	2	1	1	1	1	1	4	5	4	4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	6	5	4	4	5	7	17	11	12	10	4	4	4	4	***
19	3	3	3	3	3	3	6	7	6	5	4	4	3	4	4	6	8	9	6	7	7	7	9	12	6
20	6	5	3	3	3	3	7	7	8	5	5	5	5	4	4	4	5	4	3	3	3	3	3	3	4
21	2	2	2	2	2	2	2	2	3	3	3	3	4	4	2	2	4	5	5	5	7	6	8	8	4
22	7	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	3
23	0	0	0	0	0	0	2	2	***	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2	2
24	3	3	2	2	2	2	3	5	5	4	2	3	2	3	3	3	5	5	5	5	1	3	2	2	3
25	1	1	0	0	0	0	1	2	3	3	2	2	2	2	3	4	6	3	3	2	2	2	2	1	2
26	1	***	***	***	***	***	***	***	***	4	4	4	5	6	6	6	7	5	3	2	***	***	***	***	***
27	0	0	0	0	0	0	0	0	2	3	4	4	4	4	4	2	2	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	2	3	0	0
29	3	2	0	0	0	0	0	1	1	1	0	1	2	2	3	3	2	2	0	0	0	0	0	0	1
30	0	0	0	0	0	0	1	2	2	4	6	4	2	2	2	5	11	14	9	14	9	11	12	10	5
MEAN	4	4	3	3	3	3	5	5	5	4	4	4	4	4	4	5	6	6	5	5	5	5	6	5	4

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	4	4	5	4	9	16	14	8	8	10	9	10	10	5	9	7	4	4	4	3	3	2	7
2	1	1	1	0	0	0	1	2	2	2	2	2	2	1	2	3	5	4	7	5	5	4	4	4	3
3	5	5	5	5	3	4	8	10	9	9	6	5	8	9	9	10	7	3	9	10	7	7	7	5	7
4	4	4	3	2	2	0	2	2	2	4	4	4	5	4	4	5	5	6	3	1	0	0	3	5	3
5	6	7	7	7	6	6	9	6	9	9	10	9	5	6	7	7	5	5	6	5	3	1	0	0	6
6	0	0	0	0	0	0	0	1	2	2	3	4	4	5	5	6	6	6	5	4	2	1	0	0	2
7	0	0	2	5	4	4	4	4	5	0	2	4	3	2	2	6	18	16	9	8	8	8	8	5	5
8	10	8	7	5	4	2	2	6	5	3	3	4	5	6	7	8	12	18	10	6	4	3	5	4	6
9	4	2	2	2	2	1	3	4	5	5	6	6	5	6	6	6	5	6	3	3	2	2	2	2	4
10	3	2	1	1	1	1	2	2	3	3	2	2	2	3	7	9	12	9	8	6	5	4	4	4	4
11	4	4	4	4	3	3	3	3	3	5	6	5	5	5	7	6	6	7	5	5	5	5	5	5	5
12	5	5	5	5	4	6	6	4	5	6	8	8	8	8	5	4	5	5	4	5	5	5	5	4	5
13	4	4	4	3	3	3	3	4	5	6	5	3	1	0	3	5	6	5	3	1	3	4	5	4	4
14	3	1	1	3	3	3	5	6	6	3	1	0	1	3	4	4	12	5	1	1	3	3	3	1	3
15	0	0	0	1	1	1	2	0	***	1	0	0	0	0	8	1	2	1	2	5	5	5	5	3	2
16	2	2	1	1	3	2	6	8	9	8	5	6	7	7	6	7	9	4	3	5	5	3	4	5	5
17	2	2	2	4	2	4	6	5	4	2	2	3	2	2	1	7	8	0	1	1	0	0	0	1	3
18	0	0	0	0	0	0	2	3	2	1	2	2	4	5	8	12	12	11	8	6	5	2	6	8	4
19	4	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	1	1	2	2	2	2	3	2	2	3	***
22	2	2	2	3	3	4	4	4	2	4	8	10	6	4	2	2	2	2	2	2	2	2	3	3	3
23	3	3	4	4	4	5	7	8	11	12	12	10	7	6	6	6	6	6	7	11	14	5	7	6	7
24	2	1	1	2	1	1	2	3	3	6	7	7	6	5	6	6	5	5	4	4	4	4	4	4	4
25	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	7	5	5	5	5	5	5	4	3	4	3	3	2	2	1	2	3	3	3	3	4	4	4	4	4
27	4	4	5	4	4	3	3	3	1	1	0	0	1	1	3	3	4	4	4	4	4	4	4	4	4
28	3	2	2	2	1	2	3	3	3	2	3	3	2	2	1	3	5	3	3	4	4	4	3	3	3
29	3	2	2	2	1	2	3	3	2	2	2	2	1	2	3	5	4	3	4	4	3	2	5	3	3
30	2	2	2	2	2	2	4	6	8	6	6	5	4	3	7	5	9	7	5	4	4	3	6	5	5
31	3	3	3	2	2	2	2	3	2	2	3	3	3	4	4	4	5	5	5	5	5	4	4	4	3
MEAN	3	3	3	3	3	3	4	5	5	4	4	5	4	4	5	6	7	6	5	4	4	3	4	4	4

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	5	17
FEB	28	3	7	12
MAR	31	4	8	13
APR	30	2	8	15
MAY	31	5	10	21
JUN	30	3	8	13
JUL	31	4	7	14
AUG	31	3	6	12
SEP	30	5	14	55
OCT	31	5	12	26
NOV	30	4	12	29
DEC	30	4	7	18
YEAR	364	4	14	55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	242	258	225	10	1	0	736
FEB	208	187	252	15	0	0	662
MAR	85	223	398	16	0	0	722
APR	268	286	138	25	0	0	717
MAY	32	248	384	67	11	0	742
JUN	89	360	232	20	0	0	701
JUL	70	340	319	10	0	0	739
AUG	173	231	286	21	0	0	711
SEP	91	203	328	49	11	2	684
OCT	53	225	340	78	21	0	717
NOV	153	207	221	91	10	0	682
DEC	95	207	333	44	4	0	683
YEAR	1559	2975	3456	446	58	2	8496

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96	0	0.5	1.7	2.8	4.2	6.8	8.4	10.8	13.3	55	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	6	5	6	5	5	5	5
2	5	4	4	4	4	4	4	6	9	11	9	7	7	8	9	7	11	12	12	11	12	10	9	9	8
3	7	7	6	5	4	4	4	5	5	6	6	6	6	6	7	8	9	10	10	11	11	9	7	7	5
4	4	6	6	6	5	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	5	5	4	5	6
5	4	4	4	4	4	4	4	5	7	8	8	7	7	6	6	7	6	9	8	7	7	7	7	6	6
6	8	9	9	9	9	9	8	6	6	6	6	6	6	7	6	6	7	8	9	8	7	7	7	6	8
7	5	5	5	5	5	5	5	7	10	11	9	8	8	7	7	6	7	8	9	8	7	7	7	6	8
8	5	5	5	5	5	6	7	7	7	11	9	7	7	7	7	6	6	6	6	6	5	5	5	5	6
9	6	5	5	5	5	5	5	6	9	8	7	7	7	7	8	8	6	6	5	6	5	6	6	5	6
10	2	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	5
11	1	1	1	1	0	0	1	0	0	0	1	1	2	1	2	2	2	1	3	3	4	4	4	4	2
12	2	1	1	1	0	1	1	3	3	2	2	2	1	2	4	5	7	5	3	3	3	2	3	3	3
13	4	4	4	4	4	5	5	4	4	2	2	1	1	1	1	2	4	3	3	2	1	1	1	1	3
14	1	0	0	0	0	0	0	4	3	4	3	2	2	2	3	2	4	3	2	3	2	2	3	2	2
15	2	2	1	0	0	0	1	1	3	5	4	4	2	2	2	2	3	3	3	4	2	2	2	2	2
16	2	2	2	1	1	2	4	7	10	6	4	5	5	5	4	5	4	4	3	3	2	2	2	2	4
17	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	2	2	3	2	2	2	2	2	2	2
18	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
19	1	1	1	1	1	1	1	2	4	3	3	3	3	3	4	3	5	4	3	2	2	2	2	2	2
20	2	1	1	1	1	1	2	2	4	4	3	3	3	2	2	2	5	3	3	2	2	2	2	2	2
21	1	0	0	0	0	0	1	1	3	2	2	2	2	2	2	3	5	3	2	2	2	2	2	3	2
22	3	1	1	1	1	1	2	4	8	5	4	3	3	2	2	2	3	5	2	2	2	2	2	2	3
23	3	3	3	4	3	3	4	6	4	3	3	3	3	2	2	2	3	3	2	2	2	2	2	2	3
24	2	3	2	1	1	1	3	3	4	3	4	4	3	3	3	3	3	3	2	2	2	2	2	2	3
25	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3
26	3	3	2	2	2	2	2	3	5	4	3	4	6	3	2	2	3	3	3	3	4	2	3	3	3
27	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	3	4	4	4	4	2	2	2	2	3
28	2	1	1	1	1	1	1	2	3	3	3	2	2	3	3	3	4	4	3	5	3	2	2	2	2
29	1	1	1	1	1	1	2	3	5	7	4	3	3	4	4	4	5	4	3	2	2	2	2	2	1
30	1	1	0	0	0	0	1	1	2	2	1	2	2	1	1	2	3	3	2	2	2	2	1	1	3
31	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	3	1	1	1	1	1	2	2
MEAN	3	3	3	2	2	2	3	3	4	4	4	4	4	3	4	4	5	4	4	4	4	3	3	3	3

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1
2	1	1	1	1	1	1	1	2	3	4	5	3	3	3	5	5	6	4	3	2	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
6	2	1	1	2	2	2	2	4	5	4	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2
7	2	2	2	2	1	1	2	2	3	2	3	3	3	3	3	3	6	4	3	2	2	2	2	2	3
8	3	3	5	10	9	8	6	8	6	5	4	3	4	4	4	4	4	3	5	4	3	3	4	2	3
9	1	2	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	5
10	2	2	1	2	1	1	1	2	3	3	3	4	4	4	4	4	5	5	3	3	3	2	2	2	3
11	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	2	3	2	2	1	1	1	1	1
13	1	0	0	0	0	0	0	0	2	2	1	2	5	7	6	7	7	8	6	6	6	6	6	6	4
14	6	5	5	5	5	5	5	6	6	7	6	6	7	6	6	7	7	6	6	6	6	6	6	6	6
15	6	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	6	6	6	6	6	6	6	6
16	5	5	5	5	5	5	5	6	6	7	6	7	6	6	6	6	7	7	6	6	6	6	6	6	6
17	5	5	5	5	5	5	5	6	6	7	6	7	6	6	6	6	7	7	6	6	6	6	6	6	6
18	7	6	6	6	6	6	6	6	8	7	8	7	7	8	8	8	8	7	7	7	7	7	7	6	7
19	6	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	9	8	8	7	6	6	5	7
20	6	5	5	5	5	5	5	6	6	6	6	5	6	6	6	7	7	8	6	6	6	6	6	6	6
21	6	5	5	5	5	5	5	7	6	6	6	7	7	6	6	7	6	6	6	6	6	5	5	6	6
22	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	6
23	5	5	5	5	5	5	5	6	7	6	6	6	7	6	6	7	7	8	6	6	6	6	6	6	6
24	6	6	5	5	6	6	6	7	9	7	7	7	7	7	6	7	9	7	7	7	7	7	7	7	7
25	6	5	5	5	5	5	5	5	6	6	7	1	1	1	1	1	2	2	1	1	1	1	0	1	3
26	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	2	2	2	2	2	2	1	2
2	2	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4	4	3	3	2	2	4	2
5	6	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	1	1	1	1	1	1	1	1	2	3	2	1	2	2	2	2	3	3	2	2	2	2	2	2	2
7	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0
10	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2
11	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
12	2	2	1	1	1	1	1	2	3	4	3	3	3	4	4	4	5	4	3	3	3	3	3	3	3
13	2	2	1	1	1	1	1	2	3	4	3	2	2	2	2	3	4	3	3	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	2
17	2	2	2	2	2	2	3	4	5	4	3	3	3	3	3	4	3	3	3	4	4	5	5	5	3
18	5	5	5	5	4	3	3	4	6	5	3	3	3	3	3	4	4	4	6	6	6	5	6	7	5
19	5	4	3	3	3	3	2	3	4	5	4	5	4	4	1	1	2	3	3	4	5	5	5	4	4
20	3	1	0	0	0	0	1	2	3	2	2	3	4	4	3	4	4	3	3	2	2	2	2	2	2
21	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	3	2	3	2
22	2	3	2	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3	2	2	1	2
23	1	1	1	1	1	1	1	3	4	3	3	3	2	2	2	3	3	2	2	2	2	1	1	1	2
24	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1
25	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2
26	1	0	0	1	1	1	2	2	2	2	1	1	1	2	3	4	3	3	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0
28	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
30	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	0	0	0	0	1	2	2	2	3	3	3	2	2	2	3	4	5	3	2	2	1	1	2	2
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2	1	2
2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	5	4	2	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2
4	3	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
5	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2
6	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	5	4	3	3	3	3	3	3
7	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	2	3
8	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	2	3	2	2	2	3	3
9	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	2	3	2
11	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
12	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
14	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	3	4	4	4	3	2	2
15	2	2	1	1	1	1	1	3	3	3	3	2	2	3	3	3	4	4	4	4	3	3	3	3	3
16	3	3	4	3	3	2	3	4	4	4	2	3	3	3	3	3	4	5	4	3	3	3	4	3	3
17	3	4	2	2	2	2	2	5	4	4	3	4	3	3	3	3	4	4	2	2	2	2	3	2	3
18	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
19	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	7	7	7	7	7	7	7	7	8	8	7	7	8	6	5	4	5
21	3	3	1	1	1	1	1	1	3	2	1	1	1	1	1	1	2	2	1	1	1	0	0	0	1
22	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	2	2	2	2	2	2	2	1	1
23	0	0	0	0	0	0	1	2	4	2	2	2	1	1	1	2	1	1	1	1	2	1	1	1	1
24	0	0	0	1	2	3	3	2	2	3	2	2	2	3	3	2	3	2	2	2	1	1	1	1	2
25	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	2	5	4	4	3	1
26	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	4	2	2
27	1	2	2	2	2	2	3	5	10	6	3	3	2	3	3	3	4	2	3	2	3	3	3	3	3
28	2	4	5	5	2	2	3	5	2	3	2	2	1	1	1	1	1	2	3	4	2	2	2	2	2
29	2	2	2	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	4	4	4	5	6	4
30	1	1	1	1	1	1	2	4	4	5	5	6	7	7	4	7	8	8	7	7	8	6	5	4	5
MEAN	2	2	2	2	1	2	2	2	3	3	2	2	2	2	2	2	3	3	2	3	3	3	3	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	1	1	2	2	4	4	3	2	3	2	2	3	3	2	2	1	1	2	2	2	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	1	0	1	1	1	2	3	3	2	2	1	0	1	1	1	1	1	0	1	0	1	0	1	0
9	6	5	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	10	8	10	10	4
10	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1
11	2	1	1	1	1	1	3	3	4	1	2	2	2	2	3	3	3	2	2	2	1	1	1	1	2
12	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	1	1	2	3	6	7	5	4	7	9	8	6	8	4	3	3	3	3	3	3	3	3
14	1	1	1	1	1	1	2	3	2	2	1	1	2	2	1	2	3	2	2	3	3	2	1	1	2
15	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	3	2	2	3	3	4	3	2
16	5	4	3	2	1	2	2	3	3	6	5	5	5	3	3	3	3	2	2	3	3	2	2	2	3
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	1	1	1	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2
19	2	2	2	2	2	2	3	4	5	5	5	4	3	3	2	1	1	1	1	1	1	1	1	0	2
20	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	2	3	2	2	2	3	2	5	4	2
21	3	2	1	1	1	2	3	3	2	2	2	2	2	3	3	5	4	4	3	4	6	6	6	4	3
22	4	3	3	2	2	2	3	3	2	4	2	2	2	2	3	3	4	4	2	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3
24	4	4	3	3	3	3	3	3	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3
25	1	1	1	1	1	1	1	1	1	3	4	5	4	4	4	2	2	3	4	3	3	2	1	1	2
26	1	1	0	0	0	0	0	1	2	3	2	2	2	1	1	1	1	1	0	1	1	1	1	0	3
27	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1	1	0	0	1	1
28	2	1	0	0	0	0	0	0	1	2	2	1	1	1	1	2	2	3	2	2	2	2	2	1	1
29	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	1	2	1	1	1	2	2	2	2	1
30	2	6	4	4	2	2	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	4	4	3	2
31	3	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
MEAN	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	4	4	3	2	1	1	2	2	3	3	2	1	1	3	2	2	2	2
2	2	1	1	1	1	1	2	3	3	2	2	2	2	1	1	2	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	7	4	2	2	1	2	5	4	4	4	4	4	2	1	2	2	2	1	1	3	1	1	2	3	1
6	1	1	1	0	0	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1	1	1	2
7	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1
8	1	1	1	1	1	2	5	9	8	6	6	1	3	3	2	3	4	2	1	1	2	2	3	5	3
9	4	5	6	5	1	2	2	3	2	1	1	1	2	2	2	3	2	2	1	2	2	4	3	3	3
10	2	1	1	1	1	2	3	4	4	2	3	2	2	2	2	2	2	2	1	2	2	3	3	2	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	3	3	2	2	2	3	2	3	3	4	2	2	2	1	1	1	1	2
16	1	1	0	0	0	0	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	4	6	3	2	2	3	3	3	2	3	2	1	1	1	2	3	2	2	2
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	3	4	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	2	2	1
22	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	2	2	3	3	2
23	3	3	2	3	2	3	4	4	4	3	3	1	2	1	2	2	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	1
26	2	1	1	1	0	0	1	2	1	1	1	0	1	1	1	1	2	1	1	1	1	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	1	2	1	1	1	1	2	2	2	1	1	1	2	1	1	1	1	1	1	2	3	2	2	2	1
MEAN	1	1	1	1	0	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	3	3	3	2	1	1	1	1	2
2	0	0	0	0	0	1	1	3	3	3	3	3	4	3	3	3	3	2	1	2	2	2	2	2	2
3	1	1	1	0	1	3	3	3	3	3	5	5	5	4	4	4	5	3	4	5	6	5	4	2	3
4	2	2	1	1	2	2	2	2	1	1	2	1	1	0	0	0	0	0	0	1	0	0	1	1	0
5	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	2	1	1	0
6	0	0	0	0	0	0	1	3	3	2	2	2	1	1	2	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	2	2	2	2	2	1	1	1	1	1	1	1	***
8	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	3	3	2	2	3	3	4	4	2
9	3	2	2	2	3	3	3	6	4	3	3	2	2	2	2	3	2	1	2	3	3	1	2	2	3
10	1	1	1	1	1	1	2	3	3	3	2	3	3	2	2	3	5	3	2	3	4	5	4	3	3
11	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
12	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1	2	2	2	2	1	1
13	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1
14	0	0	0	0	0	2	3	3	5	3	2	2	3	4	6	5	2	3	2	1	1	1	1	1	2
15	1	0	1	1	0	1	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
16	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1
17	1	1	1	1	1	2	4	3	3	3	2	3	2	3	3	4	1	1	2	2	2	2	1	1	2
18	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1
19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0
20	0	0	0	0	1	2	1	1	2	2	2	3	2	2	1	1	1	1	0	0	0	0	0	0	1
21	0	0	0	0	1	2	1	1	1	0	0	0	0	1	1	0	0	0	1	1	2	3	2	1	1
22	0	0	1	1	3	3	2	1	3	2	1	1	1	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	1	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2	3	6	6	4	4	3
25	3	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	5	3	2	2
26	2	2	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	4	2	2	2
27	2	1	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
28	1	1	1	1	2	3	3	3	3	2	2	2	2	3	3	2	4	3	4	5	3	3	3	2	3
29	2	1	1	1	2	4	2	2	2	2	2	2	2	2	2	1	2	2	2	1	3	2	2	2	2
30	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	1	1	1
31	1	1	1	1	2	3	2	2	2	2	2	3	3	3	3	4	3	6	7	6	6	5	5	4	3
MEAN	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1	1	2
2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	***	***	***	1
3	***	***	***	***	***	***	***	***	***	***	1	1	1	1	2	2	2	2	2	2	2	3	3	3	***
4	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	3	5	2
5	5	3	3	3	2	2	2	3	4	4	5	4	4	3	3	3	3	2	2	2	3	4	7	6	3
6	5	4	2	2	2	2	3	5	4	3	3	3	2	3	3	2	2	2	2	2	3	4	10	13	4
7	12	10	7	5	5	3	3	4	3	3	2	2	2	2	2	1	1	2	2	2	2	3	3	3	4
8	3	2	1	2	2	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
9	1	1	1	1	1	1	3	5	4	2	2	2	2	3	2	2	2	2	2	2	3	4	5	5	2
10	6	5	4	3	2	2	2	4	4	4	3	2	2	2	2	2	2	2	2	2	3	2	2	2	3
11	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	2	4	5	5	5	2
12	3	4	5	1	0	0	2	5	5	2	2	2	2	0	3	4	3	2	1	2	1	2	4	6	3
13	3	2	1	1	0	1	4	5	3	2	4	4	2	2	3	3	2	1	1	1	2	2	3	5	2
14	3	2	1	1	0	1	4	5	3	2	4	4	2	2	3	3	2	1	1	1	1	1	1	1	1
15	3	2	1	2	1	1	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
16	1	0	1	1	1	0	0	0	0	***	3	3	2	2	2	2	2	2	2	2	3	3	4	3	2
17	2	2	2	2	2	3	4	8	3	19	24	3	3	3	3	3	3	3	3	3	3	3	3	3	5
18	3	3	3	3	3	3	4	7	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
19	3	2	2	2	2	3	5	7	5	5	5	4	5	6	5	5	4	4	5	4	4	4	4	4	4
20	3	3	3	2	3	4	4	4	5	4	4	4	4	3	4	4	3	3	3	3	3	3	3	3	3
21	3	3	3	2	2	4	4	8	8	10	3	3	3	3	4	4	4	4	3	3	4	4	4	4	4
22	4	4	3	3	3	3	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	5	4	4	4	4	3	3	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	4	4	3	2	3	3	3	4	3	***
25	3	3	4	3	2	3	3	5	22	6	5	4	4	20	20	3	3	3	3	3	3	3	4	4	6
26	3	3	3	3	2	3	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	4	4	4	3
27	2	2	2	2	3	3	4	5	3	3	3	3	3	3	3	4	3	3	3	3	4	3	3	3	3
28	2	3	3	2	2	2	3	3	3	3	3	2	2	3	3	3	3	3	3	3	4	4	4	4	3
29	3	3	3	3	2	2	3	2	2	2	2	2	3	3	4	4	3	3	3	3	2	2	2	2	3
30	1	1	2	1	2	***	***	***	***	***	***	***	2	2	2	3	2	2	2	2	***	***	***	***	***
31	3	3	3	2	2	2	3	4	4	4	4	3	3	3	3	3	3	2	2	2	2	3	3	4	4
MEAN	3	3	3	2	2	2	3	4	4	4	4	3	3	3	3	3	3	2	2	2	2	3	3	4	4

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
26	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 72

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	3	4	5	5	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	****	****	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	5	3	4	5	6	5	3
2	2	2	1	1	1	1	2	2	4	3	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2
3	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	3	4	3	3	2	2	2	1	2
4	1	****	****	****	****	****	****	****	****	****	3	3	3	3	2	3	4	4	3	2	2	2	2	2	****
5	2	2	2	2	1	1	1	2	2	2	1	1	1	1	2	1	2	3	2	2	2	3	2	2	2
6	2	1	1	1	1	1	2	3	2	2	1	1	2	1	2	2	2	2	1	2	2	2	2	2	2
7	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	2	2	2	2	2	3	2	2	2	2
8	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	2	2	3	3	3	3	3	2	3	2
9	3	2	1	1	1	2	2	3	3	2	3	3	****	4	4	5	6	6	4	4	4	4	4	3	3
10	3	3	3	2	2	2	2	4	5	6	4	3	3	3	3	3	4	4	4	4	3	3	3	4	3
11	4	4	4	4	4	3	4	6	6	6	6	6	5	5	5	5	5	5	6	7	6	5	5	4	5
12	4	3	3	3	2	2	2	3	4	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
13	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3	2	2	2	2	3
14	2	2	2	1	1	1	1	2	2	3	2	3	3	3	3	4	4	4	4	4	3	3	4	3	3
15	3	3	2	2	2	1	2	2	2	1	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	2	2	1	2	4	4	2	2	2	2	2	2	3	4	4	3	4	3	3	3	3	3
17	2	2	2	2	2	2	3	3	4	4	3	2	4	3	4	4	5	5	5	6	6	6	5	5	4
18	3	3	2	2	2	2	2	3	3	4	2	3	3	4	4	4	5	6	4	4	4	3	2	2	3
19	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	5	****	****	****	****	****	****	****	3
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

- DATA MISSING -

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	5	8	6	2	2	1	1	1	****
2	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	2	2	2	3	4	4	3	3	2	3	3	2	2	1	1	1	1	2
4	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2	3	3	2	2	2	2	2	3	2
5	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
7	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	3	4	2	3	3	2	2	3	1
8	3	2	0	0	0	0	0	1	1	0	0	1	1	1	1	2	5	5	3	2	1	1	1	2	1
9	0	0	0	0	0	0	1	1	2	****	****	****	2	2	2	2	3	3	3	2	2	2	2	2	1
10	2	2	2	2	2	2	2	2	3	2	3	3	3	3	4	4	4	5	3	3	3	3	2	2	3
11	2	2	2	1	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	3
12	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	4	5	5	4	4	4	4	5	5	4
13	4	4	4	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	3
14	2	2	1	1	1	2	2	4	6	4	3	2	2	3	3	3	4	6	7	5	3	3	2	2	3
15	2	2	2	1	1	1	2	3	5	5	4	4	3	3	3	3	4	5	5	3	3	3	3	2	3
16	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	3	4	4	3	3	4	4	3	5	4	3	3	3	3	3	2	3
18	2	2	2	1	1	1	2	3	4	3	4	3	3	3	3	4	3	3	2	2	2	2	1	1	2
19	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	3	3	3	3	2	2	2	1	1	3
20	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1
21	1	1	1	1	1	1	1	2	3	3	3	3	3	2	2	2	4	5	3	3	3	3	2	2	2
22	1	1	1	1	1	1	1	2	3	3	3	2	3	3	3	3	5	4	3	3	3	2	2	3	2
23	3	3	2	2	2	2	2	3	5	3	4	5	4	5	5	4	4	4	3	3	3	3	4	4	3
24	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	3	3	2	2	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	4	4	3	4	3	3	3
26	3	3	3	3	3	2	2	2	3	4	4	4	4	3	2	3	3	2	2	2	2	2	2	3	3
27	2	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
28	2	2	2	2	2	1	1	2	4	3	3	3	3	3	3	3	4	4	4	3	3	2	2	3	3
29	3	2	2	2	2	2	2	2	6	8	4	3	3	3	3	3	4	4	3	3	3	3	2	2	3
30	2	2	2	2	2	2	3	4	6	5	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
31	4	3	2	3	3	2	3	3	5	6	6	7	6	7	5	4	5	5	5	3	3	4	3	3	4
MEAN	2	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	4	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - 67 COLLEGE ST TORONTO OAMST NO 31001
POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3	8	12
FEB	28	4	7	10
MAR	31	2	5	7
APR	30	2	5	10
MAY	31	2	4	10
JUN	30	1	3	9
JUL	31	2	3	7
AUG	29	3	6	24
SEP	24	3	6	11
OCT	31	4	8	16
NOV	24	3	5	10
DEC	31	2	4	8
YEAR	351	3	8	24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE UNIT - PARTS PER MILLION
STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	160	299	250	31	0	0	740
FEB	159	170	320	6	0	0	655
MAR	298	348	64	0	0	0	710
APR	193	456	66	1	0	0	716
MAY	328	310	75	4	0	0	717
JUN	446	197	30	1	0	0	674
JUL	345	315	46	0	0	0	706
AUG	90	404	141	5	5	0	645
SEP	211	142	165	6	0	0	524
OCT	23	437	244	18	1	0	723
NOV	97	334	111	3	0	0	545
DEC	168	441	121	0	0	0	730
YEAR	2518	3853	1633	75	6	0	8085

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
92	0	0.3	1.0	1.6	2.5	4.6	5.7	6.9	8.0	24	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	3
2	4	3	3	2	3	3	3	6	7	10	***	***	***	***	***	5	6	8	8	7	8	6	5	6	5
3	5	4	3	2	2	1	1	1	1	2	3	3	3	3	3	5	5	5	5	5	6	5	4	3	3
4	2	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
5	1	1	1	1	1	1	1	2	3	4	4	6	4	2	4	5	5	5	4	5	5	5	5	3	3
6	2	2	2	3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	2	2	4	***	***	***	***	6	5	5	5	5	5	5	5	5	5	5	5	***
8	5	5	5	5	5	5	5	6	8	13	15	***	3	4	4	5	6	5	4	5	5	6	5	5	6
9	4	4	4	5	5	5	5	6	10	9	6	6	7	3	4	5	6	5	5	5	5	5	5	3	5
10	***	***	***	***	***	2	3	5	4	5	3	1	***	***	***	***	***	***	***	***	***	***	***	***	***
11													DATA MISSING	-											
12	***	***	***	***	***	***	***	***	2	4	3	-	2	***	3	4	10	5	3	1	2	2	2	2	***
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	5	10	12	1
14	11	10	10	9	10	11	11	11	12	12	13	14	15	16	19	24	22	20	20	19	15	17	18	22	15
15	20	20	20	20	22	20	17	17	17	18	19	***	***	***	***	***	***	***	0	0	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	6	8	4	3	2	1	1	0	***
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
18	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	0	0	2	2	2	1
19	3	3	3	3	3	4	3	3	3	3	2	3	3	3	3	6	8	7	12	12	7	6	7	5	5
20	***	***	***	***	***	***	***	***	***	***	***	***	4	5	7	10	8	7	8	7	7	7	7	6	***
21	5	5	5	5	5	5	5	6	7	10	9	10	***	3	4	9	12	10	6	5	5	5	5	5	6
22	4	3	3	2	2	2	3	5	9	7	5	3	2	1	1	***	5	3	1	1	1	1	1	1	3
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	1	1	0	***
24	1	1	1	2	3	3	4	5	5	5	5	5	5	3	3	3	2	1	0	0	0	***	***	***	3
25													DATA MISSING	-											
26	***	***	***	***	***	***	***	0	***	***	***	***	3	2	3	3	4	4	3	3	4	3	2	3	***
27	2	1	***	***	***	***	***	***	2	2	3	7	2	2	3	3	4	4	2	3	3	1	0	***	2
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	0	3	2	1	2	***	***	***	***	***	***
29	***	***	***	***	***	***	2	3	4	***	4	5	4	4	4	4	5	4	3	3	3	4	4	4	4
30	4	4	4	5	5	5	6	7	10	9	13	15	12	8	6	7	12	10	9	9	9	9	9	9	8
31	9	8	8	7	6	6	6	6	6	6	5	5	5	5	5	4	4	4	4	3	3	3	2	4	5
MEAN	4	4	4	4	4	4	4	4	5	6	6	5	4	4	4	5	6	5	4	4	4	4	4	5	5

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	3	3	3	0	***	***	0	0	6	4	3	2	2	1	3
2	1	1	1	1	1	1	1	2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	***	***	***	4	3	3	3	7	4	5	3	2	1	2	2	2	2	***
4	2	2	3	3	3	3	3	5	6	3	12	15	25	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	2	2	3	3	3	3	3	4	5	4	6	7	10	2	7	4	3	2	4	3	3	2	2	2	4

PERCENTAGE OF DATA VALID - 8

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	2	2	2	3	3	3	4	6	6	6	6	6	6	6	6	5	8	6	5	4	4	4	4	4	4
10	4	4	3	3	3	3	3	5	****	****	8	****	****	****	****	4	6	6	5	5	5	5	5	5	4
11	4	4	4	4	4	4	5	5	6	8	11	6	4	2	2	2	3	3	3	3	4	3	4	4	4
12	4	3	3	3	3	3	3	4	7	8	6	6	12	7	7	13	14	9	4	4	4	4	4	4	6
13	3	3	3	3	3	3	3	4	6	6	7	6	4	2	3	2	4	4	3	3	3	3	3	3	4
14	4	4	4	4	4	4	4	4	5	5	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4
15	4	4	4	4	4	5	5	5	5	5	5	5	4	3	2	3	3	3	4	4	4	3	3	3	4
16	3	3	3	3	3	3	3	4	5	5	5	5	4	3	4	5	4	3	3	****	****	****	****	****	4
17																									
18																									
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	10	10	8	7	8	12	19	19	13	****
20	8	5	5	4	3	3	1	1	2	4	9	11	9	10	9	9	10	8	6	5	5	5	5	5	6
21	4	4	3	3	3	3	3	3	4	5	5	5	4	4	3	3	3	2	2	3	3	3	3	4	3
22	5	6	5	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	2	2	4	6	6	5	6	14	10	8	13	13	8	6	5	5	4	4	4	5
24	3	3	3	3	3	3	3	4	5	4	4	3	2	2	8	4	3	3	4	4	4	4	4	5	4
25	4	4	4	4	4	4	4	5	6	5	5	7	5	4	4	5	6	6	5	5	5	5	5	5	5
26	4	3	2	1	1	1	1	1	1	2	2	2	2	3	****	****	****	****	5	5	4	4	4	4	3
27	3	3	3	3	3	3	4	4	4	4	4	3	2	1	1	1	1	8	4	4	2	2	2	2	3
28	2	1	2	2	2	2	2	3	3	3	3	4	3	3	3	4	3	3	4	5	5	5	5	4	3
29	4	4	4	4	4	4	5	5	5	5	5	4	4	3	3	4	4	4	4	4	5	4	5	6	4
30	6	5	5	5	4	4	5	5	5	5	3	3	4	****	****	****	****	****	****	****	****	****	****	****	****
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	7	10	10	8	7	7	6	7	****
MEAN	4	3	3	3	3	3	3	4	5	5	5	5	5	4	4	5	6	5	4	4	5	5	5	5	4

PERCENTAGE OF DATA VALID - 60

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	5	6	6	8	9	7	6	8	8	7	5	8	7	6	5	5	4	4	4	2	6
2	2	1	1	1	1	1	1	3	2	1	1	2	8	8	16	20	25	23	13	9	6	6	6	5	7
3	5	5	5	5	5	5	5	6	8	14	14	12	10	9	9	8	10	8	9	7	6	7	6	8	8
4	5	5	5	5	5	5	4	5	5	5	5	5	5	3	3	3	3	3	4	5	5	5	5	5	5
5	5	5	5	5	4	4	4	4	4	4	4	4	3	2	2	2	3	3	3	3	3	3	3	3	4
6	2	2	2	2	2	2	3	4	5	8	14	15	17	12	24	29	23	15	11	12	5	5	4	9	9
7	3	3	3	3	3	3	3	4	6	5	11	12	6	10	21	12	7	4	3	3	3	3	3	3	6
8	2	2	2	2	2	2	2	3	6	12	8	24	27	15	10	6	6	4	4	2	****	****	****	****	7
9	****	****	****	****	****	****	****	****	****	8	11	9	9	8	10	20	10	6	3	3	3	3	3	3	****
10	3	3	3	3	3	3	3	4	6	16	16	14	9	13	21	24	25	20	14	10	10	10	8	8	10
11	7	7	7	6	7	7	7	7	6	7	7	5	5	3	3	3	2	2	4	4	4	5	5	5	5
12	5	5	5	5	5	5	5	5	4	3	2	1	5	****	****	3	****	2	****	****	****	****	****	****	****
13	****	****	****	****	****	****	****	****	****	****	****	10	8	5	3	2	2	1	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	12	13	18	21	11	15	25	20	7	5	4	3	1	****
15	1	0	1	1	1	2	3	7	26	18	27	27	27	27	14	11	8	6	5	3	3	3	3	3	9
16	2	3	2	3	2	2	3	3	4	21	26	28	20	13	11	13	16	18	16	17	17	18	18	17	12
17	18	20	18	19	19	20	20	20	16	25	33	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18																									
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	11	11	15	13	10	10	11	13	****
20	13	12	11	9	8	6	5	5	5	5	4	1	0	2	5	6	9	8	9	9	8	10	12	13	7
21	13	13	13	14	14	15	15	15	13	8	5	2	1	1	1	0	3	3	4	5	8	8	9	8	8
22	7	****	****	****	****	****	2	5	4	5	1	0	2	****	****	****	****	****	****	****	****	****	****	****	****
23																									
24																									
25																									
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	3	4	3	3	****
27	5	7	7	7	6	7	10	9	18	18	17	15	****	****	9	8	7	3	3	5	6	8	9	8	9
28	8	10	10	10	8	8	9	10	13	18	13	6	5	4	5	4	3	2	3	3	6	7	7	5	7
29	1	1	2	5	7	7	11	8	5	4	3	4	3	3	5	5	4	3	4	4	4	5	6	4	5
30	3	2	2	2	1	2	4	6	6	7	11	16	18	20	16	16	17	15	12	12	12	11	9	10	10
MEAN	6	6	5	6	5	6	6	7	8	10	11	10	10	9	10	10	10	9	7	7	6	6	7	6	8

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	7	6	6	7	7	9	8	6	****	****	****	****	7	4	3	3	1	0	1	1	1	****	5
2	****	****	0	1	3	5	5	6	6	6	6	7	5	5	6	6	6	7	8	9	10	11	10	6	5
3	10	11	11	11	11	11	11	11	10	10	****	2	19	****	****	****	****	****	1	2	3	4	5	5	8
4	5	5	5	6	6	6	8	8	6	6	13	19	****	20	10	9	11	9	9	9	10	11	12	11	9
5	12	13	13	13	14	15	16	15	15	14	13	14	11	9	10	13	12	13	14	16	17	17	17	14	9
6	17	17	17	18	18	18	19	20	17	16	14	13	11	11	11	12	13	13	14	15	15	16	16	15	15
7	16	16	16	17	17	17	18	19	22	22	20	12	12	10	10	11	11	11	12	11	12	12	13	13	15
8	14	14	15	15	15	16	16	18	18	7	6	7	8	10	9	5	5	3	4	12	13	11	16	11	11
9	9	11	13	10	8	8	8	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	1	2	4	6	6	7	7	8	8	4	2	1	6	6	4	3	3	3	3	4	6	5	6	6	5
11	6	6	6	6	5	8	9	7	5	****	8	9	9	6	5	5	3	1	1	1	1	2	2	5	5
12	2	2	1	1	1	1	2	2	2	5	10	11	12	10	9	9	9	5	3	4	4	3	4	4	5
13	4	3	3	4	4	4	8	9	10	9	13	19	23	21	12	16	14	8	5	5	6	5	7	12	9
14	11	11	11	11	12	12	13	14	13	12	11	8	5	3	3	4	6	6	8	10	11	9	8	9	9
15	9	9	9	8	6	6	9	10	9	8	10	11	12	11	10	12	11	8	7	7	5	7	11	10	9
16	13	12	11	9	8	7	8	9	10	15	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	6	6	6	7	6	7	5	5	5	6	7	8	7	****
18	7	7	7	7	7	7	7	6	5	3	3	****	****	****	****	****	****	****	****	2	3	4	5	3	5
19	3	3	4	5	5	6	6	6	4	2	3	3	2	2	****	8	7	7	7	8	8	9	11	13	6
20	14	14	14	15	15	16	16	19	18	18	16	15	12	13	15	18	18	16	15	15	16	16	18	18	16
21	17	16	16	16	16	17	19	16	11	9	9	9	13	16	16	18	16	15	15	17	19	21	22	19	16
22	19	18	18	16	16	14	14	14	17	10	5	3	2	2	4	7	8	6	7	9	10	10	10	10	10
23	10	10	9	10	10	10	9	10	10	9	9	10	10	10	11	10	10	10	10	11	12	13	14	14	10
24	13	13	11	12	12	12	12	9	5	2	1	1	3	5	7	7	7	7	7	10	10	9	7	7	8
25	8	8	8	10	10	12	14	16	17	17	15	15	13	10	7	5	5	6	6	5	5	5	7	7	10
26	8	7	7	7	8	10	11	10	13	12	11	9	7	4	3	4	5	5	5	7	8	9	9	10	8
27	10	10	11	12	12	13	13	12	11	14	12	11	10	10	9	9	9	9	9	10	11	12	12	11	9
28	12	12	13	13	13	14	14	15	11	4	3	1	3	5	6	7	8	6	6	7	7	6	5	5	8
29	6	6	6	6	6	6	6	2	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	5	10	11	9	7	7	5	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
31	5	3	4	4	4	4	4	4	3	2	****	2	2	2	2	2	2	2	2	3	3	3	****	****	3
MEAN	9	10	9	9	9	10	10	10	10	9	9	9	9	9	8	8	8	7	7	8	8	9	10	10	9

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	8	6	6	6	****	****	****	****	****	****	****	****	****	****	****
2	****	****	****	****	****	****	****	****	****	****	8	6	6	6	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	8	6	6	6	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	1	0	0	2	7	6	7	8	10	****
5	12	10	8	8	8	10	12	10	7	5	3	2	2	1	1	1	****	****	0	2	4	5	6	7	6
6	7	7	7	7	8	8	8	7	6	4	3	2	1	1	2	2	2	1	2	4	6	7	8	8	5
7	9	10	9	8	9	8	8	7	6	6	5	3	2	1	1	1	1	1	1	2	3	4	5	5	5
8	3	2	2	4	4	5	8	11	8	7	6	3	6	7	5	6	6	2	2	2	4	5	5	7	5
9	7	9	11	8	5	6	7	6	4	3	3	3	4	3	3	3	2	2	2	3	4	11	5	4	5
10	3	3	3	3	4	6	7	7	5	5	6	4	4	4	4	3	3	3	3	3	4	4	5	5	4
11	4	4	3	3	4	5	6	7	7	5	5	5	4	2	2	2	2	2	3	3	3	3	3	2	4
12	3	2	3	4	4	5	7	8	6	4	3	3	3	3	4	4	4	2	2	3	4	5	7	8	4
13	8	8	8	8	8	9	9	7	5	3	2	1	2	2	2	1	1	1	1	3	5	6	7	8	5
14	8	9	9	10	10	9	8	7	4	3	3	3	3	2	2	3	2	2	3	3	3	5	4	5	5
15	7	7	6	6	7	8	9	12	11	8	8	7	8	7	6	8	8	5	6	7	6	6	6	7	7
16	****	****	****	****	****	****	****	****	****	****	6	6	6	5	3	3	2	1	2	2	3	3	3	3	****
17	3	4	5	6	7	7	6	6	5	5	4	4	3	2	2	2	2	2	2	2	3	3	3	3	4
18	4	5	7	8	9	10	9	9	8	6	5	5	6	7	8	8	8	9	9	9	9	10	10	8	4
19	10	10	10	10	10	11	11	10	9	8	8	8	7	8	8	7	6	6	7	8	9	9	10	10	9
20	12	13	10	10	10	10	10	8	7	5	4	4	4	4	4	4	3	3	4	4	8	8	10	10	7
21	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
22	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
23	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
24	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
25	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
26	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
27	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
28	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
30	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
MEAN	7	7	7	7	7	8	8	8	7	5	5	4	4	4	3	3	3	3	3	4	5	6	6	7	5

PERCENTAGE OF DATA VALID - 54

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													-	DATA MISSING	-										
2													-	DATA MISSING	-										
3													-	DATA MISSING	-										
4													-	DATA MISSING	-										
5													-	DATA MISSING	-										
6	0	1	1	1	1	2	2	2	2	2	2	2	3	5	9	9	10	9	6	6	7	6	6	6	4
7	6	6	6	6	6	7	8	10	13	15	15	10	4	2	3	3	1	0	0	0	0	0	0	0	3
8	0	0	0	1	1	1	3	3	5	9	8	4	4	2	2	3	4	3	2	3	4	4	5	4	3
9	3	3	3	4	4	4	6	8	6	5	4	3	3	4	2	2	2	1	3	3	2	3	3	4	4
10	2	2	1	1	1	2	3	4	4	4	6	11	11	9	7	6	6	5	4	4	5	6	5	4	5
11	4	3	4	4	2	2	2	3	4	2	3	3	2	2	3	2	2	2	2	2	2	3	3	3	3
12	2	2	1	1	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1
13	0	1	1	1	1	1	3	6	7	5	5	3	2	1	1	2	2	1	1	1	1	0	1	0	2
14	1	0	1	2	1	2	4	5	5	12	11	10	6	6	6	6	9	8	2	3	2	1	1	0	4
15	0	0	0	0	0	0	1	2	1	6	6	6	6	6	6	6	5	4	4	4	4	4	4	4	3
16	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	5	5	4	5	6	6	7	6	5
17	7	8	8	8	9	9	11	13	15	15	12	10	8	9	7	7	7	4	5	6	5	5	5	5	8
18	6	5	5	5	6	6	6	6	6	5	5	4	4	4	4	4	3	3	3	4	5	5	5	5	5
19	6	6	6	6	6	7	7	7	7	7	7	4	4	1	1	2	1	1	2	2	2	2	2	3	4
20	4	4	4	3	3	4	5	5	9	6	5	5	4	6	6	5	4	5	5	4	4	5	6	5	5
21	6	6	6	6	6	7	8	8	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	4
22	0	0	0	0	0	2	4	3	1	1	5	4	2	1	1	0	0	0	0	0	0	0	1	1	1
23	0	0	0	0	0	0	1	1	0	3	4	3	3	3	3	3	3	3	3	2	2	2	2	2	2
24	2	2	2	2	2	2	4	5	5	5	4	3	3	3	3	2	****	****	****	****	****	****	****	****	3
25																									
26	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	0	0	0	0	0	0	1	1	1	****
27	0	0	0	0	1	1	1	2	3	2	2	1	0	0	0	0	0	0	0	0	1	1	1	0	1
28	0	0	0	0	0	1	1	1	1	1	1	1	3	1	2	6	5	3	4	4	5	6	6	4	2
29	4	4	4	4	4	4	6	6	5	4	4	4	3	2	2	3	3	2	2	2	2	3	2	3	2
30	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	2	2	2	2	4	4	5	3	3	3	3	3	3	3	2	3	4	6	7	6	6	6	4
MEAN	3	3	3	3	3	3	4	5	5	5	5	4	4	3	3	3	3	2	2	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	4	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3
2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2
4	3	3	4	4	4	5	6	6	5	4	3	3	3	6	6	7	4	2	2	3	4	4	6	5	4
5	5	5	5	5	4	4	6	7	6	5	3	2	1	1	1	1	1	1	1	1	2	2	5	6	3
6	3	4	5	5	5	5	6	6	6	6	5	3	2	1	1	1	1	1	1	0	2	5	5	3	3
7	3	2	1	2	2	3	5	5	4	0	0	2	3	3	3	3	2	3	4	4	6	10	13	13	4
8	12	9	7	7	5	5	7	6	4	2	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	3	4	4	3	3	3	3	3	2	****
10	2	2	2	3	2	4	5	6	4	2	2	3	3	4	4	4	5	5	5	5	6	6	6	7	4
11	9	7	6	5	5	5	5	7	7	5	3	3	1	3	7	6	6	5	5	5	3	3	3	2	5
12	2	2	2	2	2	4	6	7	5	4	4	5	5	5	4	6	****	****	****	****	****	****	****	****	4
13																									
14	****	****	****	****	****	****	****	7	6	5	3	2	2	2	2	6	5	4	5	6	5	5	6	5	5
15	5	4	4	4	4	4	4	5	5	5	5	3	2	2	2	2	2	2	2	2	3	3	3	3	3
16	4	4	4	4	4	4	4	4	4	4	4	3	3	2	1	1	3	4	4	6	6	5	4	3	4
17	3	3	3	3	3	6	7	7	7	5	4	4	11	5	4	4	3	2	3	4	5	7	5	5	5
18	6	7	7	7	8	8	10	11	9	5	5	4	5	5	5	4	4	3	3	3	3	5	3	3	6
19	3	3	3	3	3	3	5	6	8	6	6	6	7	4	6	6	5	4	4	5	6	5	3	3	5
20	4	4	3	3	3	3	5	4	4	4	5	4	5	5	5	6	6	5	3	5	6	6	6	6	5
21	6	6	7	8	8	9	10	9	8	7	5	4	3	6	6	6	6	4	6	8	8	8	9	9	7
22	9	10	9	9	9	9	9	9	9	7	7	6	6	6	6	5	5	7	7	8	7	6	6	6	7
23	8	8	8	8	8	8	8	8	8	5	4	4	6	5	5	5	5	6	6	7	7	8	8	8	7
24	8	8	8	8	9	9	11	12	10	7	8	4	5	5	8	8	6	7	10	7	7	7	7	5	7
25	7	8	8	8	9	11	14	14	14	10	8	8	7	6	6	6	6	6	6	6	6	6	7	8	8
26	6	6	6	7	4	5	6	7	6	5	4	5	4	5	4	3	4	4	4	5	7	8	7	5	3
27	4	3	3	3	4	5	7	5	3	3	6	6	2	1	1	1	1	1	1	2	1	1	2	2	3
28	1	1	1	1	2	3	5	4	3	6	6	4	1	3	3	8	6	3	2	2	4	1	2	2	3
29	3	3	4	5	5	7	7	7	5	3	5	10	11	11	12	12	12	7	6	7	7	9	9	6	7
30	6	7	6	4	3	4	7	7	5	4	3	2	7	6	8	9	7	5	5	5	5	5	4	3	5
31	2	4	6	6	6	7	9	8	6	4	3	3	1	2	4	4	2	4	7	7	8	8	8	9	5
MEAN	5	5	5	5	5	5	7	7	6	4	4	4	4	4	4	5	4	4	4	4	5	5	5	5	5

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	9	9	10	11	13	11	10	8	7	5	5	4	4	4	5	5	7	9	9	9	9	9	8
2	9	9	9	9	9	11	14	17	13	5	5	4	3	7	4	6	5	4	5	7	7	6	6	5	7
3	3	2	2	2	3	3	5	5	4	4	4	4	6	7	6	7	6	6	8	5	3	3	3	3	4
4	3	4	3	3	4	4	6	7	5	4	3	3	3	2	4	3	2	3	4	4	4	4	4	6	4
5	6	6	6	6	4	5	4	2	1	1	1	1	1	1	1	0	0	1	2	6	7	6	7	6	3
6	6	6	6	6	6	7	8	6	3	1	1	0	0	0	2	1	1	1	2	4	5	5	5	3	4
7	3	3	4	4	4	5	5	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	4	5	5	4	4	4	2	2	2	2	15	15	16	12	7	9	10	10	10	12	8	7
9	8	8	6	6	6	6	7	9	8	8	9	7	8	6	6	7	7	7	7	5	3	3	2	7	7
10	2	2	2	2	2	2	3	4	3	3	3	2	1	0	1	1	0	0	2	3	3	4	4	4	2
11	6	6	6	7	8	9	11	10	8	5	2	1	1	1	3	2	1	1	2	6	6	4	5	4	5
12	6	7	7	7	7	9	12	10	6	5	3	2	2	4	4	2	2	****	****	****	****	****	****	****	6
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	5	5	5	5	6	6	8	7	6	4	3	3	3	4	4	4	4	3	4	6	5	5	5	5	5

PERCENTAGE OF DATA VALID - 39

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	6	6	5	4	3	2	1	1	****
4	1	2	2	2	2	2	4	5	7	7	8	9	9	****	****	9	9	9	8	8	9	10	9	8	6
5	7	7	7	6	5	6	6	6	6	6	5	5	4	3	4	3	3	3	5	5	5	6	6	5	5
6	5	4	4	4	4	4	3	3	4	6	8	2	1	0	2	3	3	3	4	4	4	4	5	5	4
7	5	5	5	6	6	6	6	7	9	9	10	9	9	6	8	10	13	12	10	9	12	10	9	9	8
8	9	8	5	5	5	5	5	6	6	5	5	4	5	5	5	10	17	15	10	9	4	4	4	4	7
9	4	3	4	4	4	3	4	5	5	4	4	4	4	4	4	5	5	5	4	4	3	3	3	4	4
10	3	3	2	2	2	3	6	7	8	7	7	7	6	7	6	9	12	12	11	11	11	11	11	12	7
11	12	11	11	11	11	11	11	12	13	12	11	12	13	13	13	13	13	12	12	12	12	12	12	11	12
12	12	12	12	12	12	12	12	12	13	13	14	13	13	13	13	11	12	12	12	12	11	11	12	12	12
13	12	12	12	12	11	11	12	12	11	11	11	11	11	12	14	14	14	13	13	14	13	****	****	****	12
14	****	****	****	****	****	****	****	****	****	****	****	14	13	12	5	5	7	8	8	9	9	7	8	6	****
15	7	7	7	7	6	6	6	6	6	7	7	6	5	5	5	5	6	7	8	7	6	6	6	6	6
16	4	4	5	5	4	3	4	4	3	3	2	4	2	2	2	****	7	5	4	4	5	5	5	3	4
17	3	2	4	4	4	6	4	6	6	7	8	7	8	9	8	8	10	10	9	9	9	9	8	7	7
18	7	8	8	8	8	8	8	9	9	8	8	7	7	7	7	8	7	6	7	8	7	6	5	5	7
19	5	5	5	5	5	5	5	6	6	6	7	6	****	****	****	****	7	6	6	5	5	5	5	5	6
20	6	8	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
21													- DATA MISSING -												
22													- DATA MISSING -												
23	****	****	****	****	****	****	****	****	****	****	****	3	3	2	3	2	2	1	0	0	0	0	1	1	****
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
28	0	1	1	2	3	4	6	7	7	7	6	6	4	1	4	5	4	4	4	3	2	2	2	2	4
29	1	2	2	2	3	4	5	7	11	11	7	5	5	2	3	5	6	6	4	5	5	6	6	7	5
30	7	7	7	7	7	7	8	10	13	11	9	8	7	2	1	5	4	5	6	7	6	6	7	6	7
31	6	5	5	6	6	6	7	8	10	11	11	11	8	5	3	2	2	2	2	2	4	4	3	3	6
MEAN	5	5	5	5	5	5	6	7	7	7	7	6	6	5	5	6	6	6	6	6	5	5	5	5	6

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081
POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	5	15	24
FEB	4	4	3	25
MAR	21	4	6	19
APR	26	8	12	33
MAY	31	9	16	23
JUN	18	5	9	13
JUL	25	3	8	15
AUG	30	5	8	14
SEP	12	5	8	17
OCT		DATA MISSING		
NOV		DATA MISSING		
DEC	27	6	12	17
YEAR	223	6	16	33

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - CARBON MONOXIDE
STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

UNIT - PARTS PER MILLION

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	110	153	198	46	21	0	528
FEB	12	24	18	2	1	0	57
MAR	33	145	248	22	2	0	450
APR	28	117	207	96	61	0	509
MAY	23	65	227	256	81	0	652
JUN	28	107	199	57	0	0	391
JUL	157	174	218	30	0	0	579
AUG	44	203	386	48	0	0	681
SEP	47	61	133	38	2	0	281
OCT		DATA MISSING					
NOV		DATA MISSING					
DEC	114	69	290	129	1	0	603
YEAR	596	1118	2124	724	169	0	4731

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
64	0	0.8	2.5	4.1	6.0	10.7	13.4	17.2	19.3	33	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	0	0	0	0	1	0	0	1	1	1	1	1	2	0	0	2	2	2	1
2	2	2	1	0	0	0	0	1	3	3	****	2	2	2	2	2	5	7	6	6	7	5	3	3	3
3	3	2	2	1	1	1	1	1	1	1	2	1	1	2	2	2	4	3	3	3	3	4	3	4	2
4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
5	1	1	1	1	1	1	1	2	3	2	2	2	2	1	1	1	3	5	7	8	8	7	4	4	3
6	3	3	2	1	1	1	1	2	4	3	3	2	2	2	2	2	2	3	2	2	2	1	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	4	3	3	3	3	3	3	3
8	3	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	4	4	3	4	4	3	3	3
9	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	4	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	5	7	6	5	5	5	4	3
12	3	2	2	2	2	2	2	3	4	3	3	3	3	3	3	4	4	8	6	5	5	5	4	4	4
13	3	3	3	3	3	3	3	4	5	3	3	2	2	2	2	2	3	4	5	4	3	2	2	1	3
14	1	1	2	3	3	3	2	2	2	2	2	2	2	1	1	1	1	3	2	1	1	1	1	1	2
15	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	3	3	3	3	3	2	2	3	3	4	4	3	3	3	3	3	3	3	3	2	2	2	2	2	3
18	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	5	4	4	4	3	2	1	2	3	2	2	2	2	3	3	4	6	4	3	2	2	2	1	1	1
20	1	1	1	1	1	1	1	2	4	3	1	1	1	1	1	2	2	2	1	1	2	2	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	****	1	2	3	1	1	1	1	2	1
22	1	0	0	0	0	0	0	1	3	6	4	1	1	1	1	1	1	2	1	0	0	0	0	0	1
23	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	2
24	3	4	3	4	4	4	4	5	5	5	4	4	4	3	4	4	4	4	4	3	3	3	4	4	4
25	5	5	5	5	5	5	5	5	5	4	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5
26	4	4	4	4	4	3	4	5	4	4	4	4	5	5	5	5	2	2	3	3	4	4	5	5	4
27	5	5	4	2	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
31	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													-	DATA MISSING	-											
2													-	DATA MISSING	-											
3													-	DATA MISSING	-											
4													-	DATA MISSING	-											
5													-	DATA MISSING	-											
6													-	DATA MISSING	-											
7													-	DATA MISSING	-											
8													-	DATA MISSING	-											
9													-	DATA MISSING	-											
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5		5	5	5	4	4	4	3	3	3	****
11	3	3	2	2	2	2	2	1	2	2	2	2	2	3	2	2	4	3	3	3	3	3	3	3	2	
12	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	4	4	3	3	3	3	
13	3	3	3	3	3	3	3	3	3	3	3	3	5	4	4	4	4	4	4	5	4	5	4	5	4	
14	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	4	5	5	5	5	5	5	5	5	4	
15	5	5	5	5	5	5	5	5	3	4	5	5	4	3	3	3	3	3	2	2	2	3	3	3	4	
16	3	3	3	3	3	3	3	2	2	2	3	2	1	1	1	1	2	2	2	2	1	1	2	1	2	
17	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	
18	2	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	5	5	5	3	3	2	2	3	
19	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2	3	2	2	2	1	2	1	1	1	2	
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	
21	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	2	1	2	2	2	1	2	2	
22	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	3	3	3	2	2	1	1	1	2	
23	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	2	****	****	****	****	****	****	****	****	1	
24																										
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	3	3	3	3	3	3	3	****	
26	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	
27	2	2	2	2	2	2	2	3	4	3	3	3	3	4	3	3	3	3	2	3	3	2	3	3	4	
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	6	8	7	9	4	
MEAN	2	3	2	2	2	2	2	2	3	3	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	

PERCENTAGE OF DATA VALID - 58

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	7	7	6	6	6	5	5	5	5	4	4	5	5	5	6	6	6	6	5	5	5	5	6
2	5	5	5	5	5	5	5	6	6	5	5	5	6	5	5	5	6	7	7	7	7	7	6	6	7
3	6	6	6	6	6	6	6	7	7	6	7	8	7	7	7	7	7	7	8	8	8	8	8	8	8
4	7	7	7	8	8	8	8	8	8	8	9	9	8	9	8	8	9	8	9	9	9	9	8	8	7
5	6	7	5	5	8	7	7	7	7	7	6	7	8	7	8	8	7	8	7	8	8	7	6	8	8
6	1	1	0	0	0	0	0	0	0	0	5	4	4	4	5	5	****	1	2	2	2	2	0	0	4
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	2	2	2	2	2	2	1	2	2	2	2	2	2	2	****	2	3	2	2	2	2	2	2	2	1
11	- DATA MISSING -																								
12	- DATA MISSING -																								
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	3	3	3	3	3	3	3	3	3	3	2	2	3	3	2	2	2	3	4	5	4	3	3	3	****
15	2	2	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	3
16	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	1	1	1	1	1	1
17	2	2	2	2	2	2	3	4	5	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3
18	5	4	4	4	3	3	2	3	4	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1	2
19	1	1	0	0	0	0	1	1	2	1	0	0	****	3	4	4	5	5	5	5	10	10	12	12	4
20	1	7	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
28	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29	4	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	3	2	3	3	3	3	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3
31	5	5	4	4	4	4	4	4	4	3	3	4	4	4	4	****	5	5	5	5	5	5	5	6	4
MEAN	4	4	3	4	3	3	3	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	6	5	5	5	4	5	5	5	4	3	3	3	4	3	3	3	3	4	4	3	3	3	4
2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	2	2	2	2	2	2	2	3	3	2	3	3	3	3	4	****	3	3	3	3	3	3	3	3	3
11	3	4	2	2	2	1	1	1	2	2	3	3	2	2	2	2	3	2	1	2	4	4	4	4	2
12	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	5	4	4	4	4	4	5	6	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	2	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	- DATA MISSING -																								
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	6	5	3	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	1	2	3	3	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	8	7	4	4	5	6	6	7	7	8	8	9	9	9	9	8	8	8	8	9	9	8	7	7
2	7	7	5	4	3	1	0	0	1	1	2	2	2	4	3	3	2	2	4	2	2	3	3	3	3
3	3	3	2	1	0	0	0	0	1	1	2	2	2	1	2	2	2	2	1	1	0	2	2	2	1
4	1	1	1	1	1	2	3	4	4	3	3	5	6	7	8	9	10	9	7	5	3	2	2	1	4
5	2	1	1	0	0	1	1	2	3	4	3	3	2	2	2	3	3	3	3	3	3	3	3	3	2
6	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	1	1
7	1	1	1	1	1	1	1	2	2	2	1	3	4	1	1	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	5	4	4	0	0	0	0	3
9	6	4	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
10	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	3	3	3	4	4	5	4	4	3	2
11	3	2	1	0	0	0	1	2	2	2	2	2	3	3	3	3	3	1	1	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	2	4	2	1	2	4	5	5	5	4	3	2	2	2	1	1	1	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	3	3	3	2	1	2	2	2	2	1
16	2	2	2	2	0	0	0	1	1	1	2	3	4	2	1	1	2	1	1	2	2	2	2	2	2
17	3	3	3	3	3	3	3	3	2	3	3	3	2	3	3	3	3	2	2	2	2	3	4	4	3
18	4	3	3	2	1	2	2	1	1	2	2	2	1	2	2	2	2	3	2	2	1	2	2	3	2
19	3	3	2	2	2	2	4	5	5	5	6	6	5	6	5	6	6	6	6	6	6	3	3	3	4
20	2	2	2	2	2	2	2	3	2	2	2	2	2	4	4	3	3	3	3	4	5	7	7	7	3
21	7	7	7	7	7	7	5	4	2	2	2	2	2	3	2	4	4	4	4	5	6	6	8	9	5
22	8	8	7	4	4	4	6	6	8	6	6	6	7	8	8	8	8	7	6	5	4	4	4	4	6
23	4	4	4	4	4	4	4	5	5	6	6	6	6	7	7	7	7	6	6	6	8	8	9	11	6
24	11	11	11	10	10	9	7	6	6	6	6	5	5	6	6	6	6	5	4	4	4	5	5	5	7
25	5	5	5	5	4	4	6	7	8	8	8	8	8	3	3	4	5	5	6	6	6	5	5	5	5
26	5	6	5	6	4	4	4	4	4	4	4	4	5	5	5	5	4	4	4	3	3	3	4	4	4
27	4	4	4	3	3	3	4	4	4	5	5	5	4	3	4	4	4	4	4	3	3	3	3	3	3
28	3	3	3	3	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	3	3	4	4	4	3
29	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	1	1	3
30	4	4	4	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	4	4	4	4	4	5
31	4	5	5	5	5	5	6	6	6	5	5	5	5	6	6	6	5	5	5	5	5	4	4	4	5
MEAN	3	3	3	3	2	2	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	4	4	4	5	5	6	6	6	6	6	6	5	5	5	4	4	4	5
2	4	4	4	4	4	4	4	4	4	4	5	5	5	4	2	1	2	3	3	1	1	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	2	3	3	3	1
4	3	3	3	3	3	3	3	4	3	2	2	2	2	2	2	1	1	2	3	4	4	6	3	8	3
5	8	8	8	8	8	8	7	5	3	3	4	4	4	5	4	4	3	3	3	3	3	3	3	3	5
6	3	4	4	4	4	4	3	3	3	2	2	2	3	3	3	3	3	3	3	3	5	6	6	1	1
7	7	7	6	6	6	6	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	6	7	1	1
8	7	7	7	7	7	7	7	7	8	8	5	5	5	4	4	4	2	2	2	3	6	5	5	5	5
9	4	3	3	3	2	4	3	1	1	1	1	2	3	3	3	3	3	3	4	3	5	8	7	5	3
10	2	2	2	2	2	1	4	4	3	3	3	4	4	4	4	4	4	3	4	4	4	3	2	2	3
11	2	2	1	1	1	1	2	3	3	3	3	2	3	4	4	4	4	5	5	6	5	5	5	3	3
12	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
13	3	2	2	2	2	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	4	4	2	2
14	4	4	4	4	4	4	4	4	2	2	3	3	4	4	4	4	3	3	2	2	3	4	4	5	3
15	4	5	4	4	4	4	4	5	4	5	4	4	3	3	2	3	4	2	2	3	3	3	3	3	4
16	3	3	3	3	3	3	3	3	1	1	4	6	7	7	7	7	7	7	6	6	6	6	6	7	5
17	8	8	9	9	9	9	8	8	8	8	9	9	10	10	10	9	9	9	8	8	8	8	8	8	9
18	8	7	7	7	7	7	6	6	6	7	7	7	8	8	8	8	7	7	7	7	7	6	6	7	7
19	6	6	6	6	5	5	5	5	5	5	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5
20	6	6	6	6	6	6	5	5	5	5	5	4	5	5	5	5	5	4	4	4	4	4	4	4	5
21	6	6	7	7	7	7	7	6	6	5	4	3	4	4	4	4	5	5	6	6	6	6	6	7	6
22	7	7	7	7	7	7	8	8	8	7	7	7	7	7	2	2	3	4	6	7	7	6	8	8	6
23	7	5	3	4	2	3	3	4	4	5	5	3	2	2	1	2	2	1	1	2	1	2	2	2	3
24	1	1	1	0	0	0	0	1	1	1	2	2	2	3	2	3	3	2	3	2	2	1	1	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
26	4	4	4	3	2	2	2	2	2	2	2	2	2	1	1	1	1	3	3	3	3	3	3	3	2
27	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4
28	7	7	7	6	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	3	4	4	4	4	3	3	3	3	3	3
30	3	3	3	2	2	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	2
MEAN	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION												
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002													MONTH JUL 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	3	3	3	3	4	3	2	3	3	3	3	4	4	4	4	3	3	3	2	2	2	3
2	4	2	2	2	2	2	2	4	4	4	4	4	6	5	4	5	5	4	4	4	4	4	5	6	4
3	6	6	6	5	5	5	6	6	5	4	5	5	6	6	4	5	6	5	5	5	5	5	3	2	5
4	2	2	2	2	2	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	4	4	4	4	4	2	2	2	2	1	1	2	1	2	5	3	3	2
6	3	3	3	3	3	3	3	4	4	4	4	4	2	2	2	2	2	2	3	3	3	3	4	4	3
7	3	3	3	3	3	3	4	5	5	5	5	4	3	3	4	4	4	4	3	3	3	3	4	4	3
8	3	3	3	3	3	3	4	5	5	5	5	4	3	3	4	4	4	4	3	3	3	3	4	4	3
9	6	6	6	5	5	5	5	6	5	5	5	4	4	4	5	5	6	6	5	5	5	5	7	5	4
10	3	3	2	2	2	2	3	3	3	3	3	3	4	5	5	5	4	4	4	5	5	6	7	7	4
11	7	6	6	5	3	3	3	3	3	3	3	2	3	3	3	3	4	3	3	2	2	2	2	2	3
12	2	2	2	1	1	1	1	0	2	2	1	1	0	1	1	2	1	1	1	1	1	1	2	2	3
13	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	2	3	4	4	4	3	4	3	1
14	2	1	1	1	1	1	2	2	3	3	3	3	4	4	5	6	5	4	4	4	3	2	2	1	3
15	2	2	2	2	1	2	2	2	3	3	4	4	4	4	5	5	5	5	4	3	4	4	4	4	3
16	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4	5	7	6	7	7	4
17	7	6	6	5	5	5	5	7	6	5	3	4	4	4	4	4	5	3	3	2	3	3	3	2	4
18	2	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	2	1	2	2	3	3	3	3	3	4	4	3	3	3	3	3	2	2	2	2	2	2	2	3
21	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	2	4	5	4	4	2
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	7	6	3
23	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3
24	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	5	5	5	5	5	4
25	7	7	7	6	6	6	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4
26	7	7	7	6	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
27	7	6	6	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	4	3	4	4	4	4	5	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	5
29	7	6	5	5	5	5	5	7	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	6
30	7	6	5	5	5	5	5	5	6	6	4	4	4	4	5	5	5	5	5	5	5	4	4	4	5
31	4	5	5	5	4	4	5	6	6	5	5	5	5	5	5	5	5	5	5	5	6	6	7	7	5
MEAN	4	4	4	3	3	3	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - CARBON MONOXIDE													UNITS - PARTS PER MILLION												
STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002													MONTH AUG 70												
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	5	5	5	6	7	7	7	7	3	4	3	3	4	4	4	5	3	3	4	5	5
2	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2
3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	5	4	3	3	3	3	4	5	4	3	3	3	3	4	4	4	4	4	4	5	6	6	6	6	3
5	8	8	8	7	7	7	7	7	6	5	3	3	4	4	4	6	5	5	4	5	6	6	8	8	4
6	10	10	8	7	7	7	8	8	8	6	5	5	6	6	6	6	5	5	5	6	8	8	10	10	7
7	9	9	9	8	8	7	7	6	5	5	4	4	4	4	4	4	4	4	4	5	7	7	7	7	6
8	7	7	6	6	6	6	6	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5
9	5	6	5	5	5	5	7	7	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5
10	5	6	5	5	5	5	7	7	6	6	6	6	6	5	5	5	5	5	6	7	8	9	9	9	6
11	9	8	8	7	7	7	7	6	5	5	5	5	5	5	5	5	6	6	5	5	6	5	5	5	6
12	5	5	5	5	5	5	6	6	6	5	6	6	5	5	5	5	5	6	6	7	10	10	10	10	6
13	10	9	8	8	8	7	8	9	8	5	7	6	6	6	7	9	10	7	6	7	8	9	10	10	8
14	10	10	10	9	8	8	8	10	8	6	6	6	6	5	8	7	6	6	6	7	10	10	10	10	8
15	10	10	9	8	8	7	8	6	6	6	6	6	6	5	5	5	5	5	5	6	6	6	7	7	7
16	7	7	7	7	6	6	6	6	7	6	6	6	6	5	5	5	5	5	5	5	7	8	8	6	6
17	5	6	5	5	5	5	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	6	6	6	6	6	6	8	8	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	4	4	4	4	4	5	6	7	6	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
20	5	5	6	6	6	6	7	7	7	6	5	4	6	6	7	7	6	7	7	7	7	6	6	5	6
21	2	2	2	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	1	2	3	4	3	4	2
22	4	4	3	3	2	2	3	2	2	1	1	1	1	1	2	2	3	3	3	3	3	3	2	2	3
23	2	3	3	3	2	3	2	3	3	2	1	1	2	2	2	2	2	2	1	3	5	5	4	3	3
24	3	3	3	3	2	4	5	5	3	3	3	2	3	3	3	3	4	3	3	6	5	6	6	5	4
25	5	4	4	4	4	3	5	5	5	4	4	4	3	3	4	3	4	4	3	3	3	4	3	3	4
26	4	4	4	4	4	4	5	5	5	5	5	4	4	3	3	3	3	3	3	3	4	3	4	5	4
27	4	4	4	3	3	4	5	4	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
28	8	6	4	5	5	5	7	7	6	3	3	3	5	5	4	4	4	4	4	5	4	4	4	4	5
29	4	4	4	4	4	3	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	2	3
30	3	3	2	2	1	1	1	1	2	1	1	2	2	3	5	5	5	5	4	3	2	2	2	1	2
31	1	1	1	1	1	0	1	2	1	0	0	2	3	4	4	4	4	4	3	3	4	4	4	4	2
MEAN	5	5	5	5	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	5

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	4	4	3	3	3	3	4	4	4	4	5	6	7	7	8	7	4	
2	6	6	6	7	4	4	7	8	11	6	6	6	5	5	6	6	6	6	5	6	5	5	5	6	
3	5	5	5	5	6	6	6	7	7	7	7	7	7	7	8	8	8	7	8	8	8	8	8	7	
4	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	8	7	6	6	7	6	6	6	7	
5	6	6	6	5	5	5	6	6	6	6	6	5	6	6	6	6	6	7	7	8	8	9	9	6	
6	7	8	7	7	7	6	7	6	7	7	7	7	7	7	8	8	8	7	7	7	10	10	10	8	
7	9	9	8	8	6	6	7	6	6	6	6	6	6	6	6	7	7	9	9	11	11	10	10	7	
8	7	7	7	7	7	7	9	9	10	8	8	8	8	9	5	4	4	5	5	11	11	10	10	7	
9	10	10	9	9	9	9	9	9	10	10	9	6	6	7	5	4	4	5	6	6	6	4	4	7	
10	4	5	5	5	5	6	7	7	6	5	6	6	5	4	4	4	3	3	4	4	4	4	4	5	
11	3	3	3	3	3	3	4	5	4	3	3	3	3	3	4	4	4	6	8	7	8	9	6	4	
12	6	6	6	6	5	5	6	7	5	4	4	4	4	5	5	5	4	4	5	7	7	8	5	5	
13	5	5	5	4	3	3	3	3	3	3	2	2	2	3	3	4	3	2	2	3	4	3	3	3	
14	3	3	3	3	2	2	3	3	3	3	3	3	2	2	1	3	4	4	4	4	4	3	3	3	
15	3	3	3	3	3	3	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	5	5	4	
16	5	5	5	4	4	4	5	5	4	4	5	5	4	4	4	4	3	3	4	4	4	5	6	4	
17	6	5	4	4	5	5	6	11	6	4	5	5	4	4	3	5	4	3	2	3	3	3	2	3	
18	2	3	3	2	3	3	4	5	3	4	5	4	3	3	5	4	4	5	4	3	2	2	2	3	
19	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	7	8	7	8	4	
20	8	7	6	7	8	8	7	6	3	3	3	3	3	3	3	3	3	3	3	3	6	6	6	5	
21	6	6	6	6	6	7	7	11	9	7	7	7	7	7	7	7	7	7	8	8	7	7	6	7	
22	8	8	8	8	8	8	9	10	10	9	9	8	7	6	6	6	6	6	6	6	5	5	5	7	
23	5	6	6	6	5	5	6	6	6	5	4	4	4	4	5	6	7	6	5	5	5	5	5	5	
24	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	6	7	6	5	5	5	5	4	
25	5	5	5	5	5	5	7	9	7	5	3	4	4	4	5	5	6	6	7	8	7	7	7	6	
26	7	6	5	4	4	4	4	4	4	5	5	5	5	5	5	5	4	3	3	3	3	3	3	4	
27	3	3	3	3	3	2	2	3	3	3	2	3	3	3	3	3	3	3	3	4	4	5	4	3	
28	3	4	4	4	4	4	5	6	4	3	2	2	2	3	3	3	3	4	4	3	3	3	3	3	
29	3	4	4	4	4	4	4	5	5	4	4	4	4	4	3	3	3	3	4	5	5	5	5	4	
30	4	4	4	4	5	6	7	9	7	4	4	4	3	3	3	4	4	4	5	4	4	4	4	5	
MEAN	5	5	5	5	5	5	6	6	6	5	5	5	4	5	5	5	5	5	5	6	6	6	6	5	

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	6	6	5	5	5	5	5	4	4	5	5	5	7	7	7	7	6	6	5
2	5	5	5	4	4	5	6	6	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3																									
4																									
5	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
6	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	10	3
7	9	10	11	11	11	11	13	16	19	8	4	4	4	4	4	6	7	7	8	8	8	9	9	9	9
8	7	7	6	5	5	4	8	11	12	10	5	3	3	2	2	3	3	3	3	3	3	4	1	1	3
9	4	4	4	3	3	2	4	4	3	3	2	2	2	2	2	2	2	3	3	3	2	1	1	1	3
10	1	1	1	1	1	0	1	2	2	2	3	2	1	1	1	1	2	2	1	2	3	3	3	3	2
11	3	2	2	2	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	1
12	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
13	4	3	3	3	3	3	4	4	3	3	2	3	3	3	3	4	4	4	4	8	7	7	7	7	4
14	7	7	7	7	6	6	7	9	7	6	6	6	6	7	7	5	3	3	3	3	3	3	3	3	5
15	3	3	3	3	3	3	3	4	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
16	2	2	2	2	2	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	4	3	4	2
17	4	4	3	3	3	3	3	4	4	2	2	2	2	3	3	4	4	4	6	7	7	8	5	3	4
18	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2
19	2	2	2	2	1	2	4	7	3	1	1	2	2	2	2	3	2	2	3	3	2	3	4	7	3
20	7	6	4	3	4	3	3	3	4	8	10	7	3	3	3	3	3	3	4	4	4	4	4	4	4
21	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4
22	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4	5	6	5	4	5	4
23	5	5	5	5	4	4	5	4	4	5	6	5	5	5	4	4	4	4	4	5	6	6	6	6	5
24	6	7	7	6	5	4	4	4	4	4	4	4	5	5	5	4	4	4	3	3	3	6	6	7	5
25	10	10	10	6	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5	5	4	6	7	6	5
26	5	5	6	5	5	5	6	6	6	8	6	6	5	5	4	3	3	3	3	4	4	3	4	3	5
27	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	4	4	4	3	3	3	3	2	2	2	3	3	3	3	2	2	2	1	1	1	1	0	0	0	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	0	1	1	2	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	1	1
MEAN	4	4	4	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	2	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	4	5	4	2
2	3	2	2	1	1	1	1	1	1	2	3	2	2	2	1	1	3	3	3	3	2	4	5	4	2
3	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1
4	1	1	1	1	1	1	1	1	3	2	2	1	1	3	2	3	3	3	3	3	2	3	4	3	2
5	3	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2
6	3	3	2	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	4	3	1
7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
8	4	5	5	4	3	3	2	2	1	1	1	1	0	1	1	2	2	2	2	2	2	4	5	4	2
9	3	2	3	2	2	2	3	5	3	2	2	2	2	2	1	2	3	3	2	2	2	3	3	2	2
10	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	2	3	3	3	2	2
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
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22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	4	3	3

PERCENTAGE OF DATA VALID - 71

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	0	0	0	0	0	0	0	0	2	1	1	1	3	5	3	2	2	2	1	0	1
2	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	3	4	3	2	2	2	2	2	4	3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	2	2	3	5	4	1
8	2	0	0	0	0	0	1	2	1	1	0	0	1	1	2	6	9	9	5	1	2	1	2	2	2
9	2	2	2	2	2	2	1	1	2	1	2	1	1	0	0	0	1	1	0	0	0	0	0	0	1
10	1	1	1	2	2	2	2	2	3	2	3	3	4	4	5	5	6	5	4	4	3	3	3	2	3
11	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	4	4	3	3	3	4
12	3	3	3	3	3	4	4	4	4	5	5	5	4	4	4	4	5	5	5	5	5	4	3	4	4
13	4	4	4	5	5	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	4	8	10	5	0	0	0	0	0	1	1	3	3	3	2	1	2	3
15	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0	1	1	1	3	2	1	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0
17	2	3	3	3	3	3	4	4	4	3	2	2	2	3	3	2	2	2	3	3	3	3	4	4	3
18	5	5	5	5	5	4	6	5	5	4	3	3	3	4	4	4	3	3	3	3	2	2	2	2	4
19	4	4	4	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	3
20	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	1	1	1	2	2
21	2	2	2	2	2	1	2	1	1	2	3	2	1	1	1	1	2	3	3	3	2	2	2	2	2
22	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2
23	2	2	2	2	2	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2
24	1	1	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	5	8
FEB	18	3	4	9
MAR	29	4	8	12
APR	29	3	6	11
MAY	31	3	7	11
JUN	30	4	9	10
JUL	31	4	6	9
AUG	31	5	8	16
SEP	30	5	9	11
OCT	29	3	9	19
NOV	23	3	6	11
DEC	28	2	5	10
YEAR	338	4	9	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	191	302	136	0	0	0	629
FEB	64	253	78	1	0	0	396
MAR	106	205	345	13	0	0	669
APR	68	306	293	6	0	0	673
MAY	201	235	280	18	0	0	734
JUN	88	262	342	12	0	0	704
JUL	62	291	390	1	0	0	744
AUG	32	209	465	37	1	0	744
SEP	1	171	504	44	0	0	720
OCT	130	224	300	19	2	0	675
NOV	107	222	182	6	0	0	517
DEC	256	244	123	5	0	0	628
YEAR	1306	2924	3438	162	3	0	7833

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
89	0	0.6	1.8	2.8	4.0	5.9	6.9	8.1	9.0	19	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	2	2	2	2	2	2	****
18	2	2	2	2	2	4	5	4	4	4	4	3	3	3	4	4	5	4	2	5	5	4	3	1	3
19	0	1	1	1	1	5	8	10	7	4	5	5	5	5	5	6	6	5	6	5	4	4	2	1	4
20	1	1	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	0	0	0	****	****	****	****	****	****	****	****	****	0	0	0	0	****
22	0	0	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	1	0	1
23													- DATA MISSING -												
24													- DATA MISSING -												
25	****	****	****	****	****	****	****	****	6	4	5	5	5	4	4	4	5	****	****	****	****	****	****	****	****
26													- DATA MISSING -												
27													- DATA MISSING -												
28	****	****	****	****	****	****	****	****	****	****	****	****	3	****	****	****	****	****	****	****	****	****	****	****	****
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	1	1	1	1	1	4	5	5	4	3	3	4	4	4	4	4	4	3	3	3	2	2	2	1	3

PERCENTAGE OF DATA VALID - 14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	1	1	1	1	1	1	1	1	****
5	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	2	1	2	1	1
7	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	1
8	0	0	0	0	0	3	7	9	5	3	2	2	4	5	****	****	****	****	****	****	2	1	1	1	3
9	1	0	0	0	0	1	1	1	0	1	0	0	0	2	2	4	3	2	4	5	4	4	3	2	2
10	1	0	0	0	0	0	3	4	3	2	5	4	3	2	****	****	****	****	****	****	****	****	****	****	****
11	****	****	****	****	****	****	****	****	****	****	****	****	0	0	2	1	2	1	0	1	3	6	6	2	****
12	1	0	1	1	2	5	8	4	3	2	2	2	2	0	0	0	1	2	2	3	2	2	2	2	2
13	2	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
14	1	0	0	0	2	5	6	4	3	2	2	2	2	2	3	5	5	4	4	2	2	1	0	1	2
15	1	1	1	0	0	3	6	6	1	2	3	3	3	4	4	7	7	5	4	3	2	2	3	3	3
16	3	2	2	2	2	1	2	2	1	1	1	0	0	0	1	1	0	1	1	0	1	1	1	1	1
17	0	0	0	1	1	2	6	8	6	4	3	3	3	4	4	3	7	5	3	2	0	0	0	0	3
18	0	0	0	0	0	1	5	8	6	5	4	4	4	2	2	1	1	0	2	0	0	0	0	0	2
19	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	1	2	4	6	6	3	2	2	1
20	2	4	7	6	5	3	4	4	4	1	2	2	2	0	0	1	1	2	3	5	5	5	4	3	3
21	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
MEAN	1	1	1	1	1	2	3	4	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5	1	1	2	2	2	4	10	10	8	5	3	2	2	3	4	5	6	5	4	3	2	3	2	1	4
6	1	1	1	1	1	4	8	8	5	3	3	0	2	3	5	6	6	5	6	7	6	4	3	6	4
7	9	9	7	7	7	8	12	16	17	8	5	4	5	5	5	6	10	9	10	9	7	8	8	6	8
8	3	2	1	1	2	5	9	16	12	12	10	7	5	5	5	6	6	6	6	5	4	4	4	3	6
9	3	1	1	0	0	2	7	11	5	4	4	3	3	3	4	6	6	6	6	6	****	****	****	****	4
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	****	****	3	3	3	4	8	12	11	6	6	6	5	4	6	6	2	2	2	2	2	2	1	2	4
15	1	2	2	2	2	2	3	3	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27	6	6	6	6	6	6	8	11	10	8	7	8	7	6	6	7	8	8	7	7	7	6	7	6	****
28	6	6	6	6	6	6	8	11	10	8	7	8	8	8	8	9	10	9	9	9	8	8	8	8	8
29	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30													- DATA MISSING -												
31	****	****	****	****	****	****	3	3	4	5	5	5	6	6	6	8	10	10	10	8	8	5	4	5	6
MEAN	4	3	3	3	3	4	8	10	8	6	5	4	5	5	5	7	7	7	7	6	6	5	5	5	5

PERCENTAGE OF DATA VALID - 27

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	4	****	****	****	****	****	****	****	****	3	5	6	5	8	10	9	13	11	10	7	6	7
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	2	****
3	2	2	2	2	5	5	7	7	4	4	4	4	4	4	3	4	4	4	4	3	3	3	3	3	4
4	2	2	2	2	2	2	3	4	4	3	****	****	****	****	****	****	****	****	3	2	3	4	4	3	****
5	2	2	2	2	2	2	2	3	****	****	****	****	****	****	****	****	****	****	3	****	****	****	****	****	3
6	3	3	3	3	3	3	5	7	8	****	4	1	1	2	1	3	4	3	****	****	****	****	****	****	3
7												- DATA MISSING -													
8	****	****	****	****	****	****	****	****	6	3	0	5	2	1	1	1	2	5	3	****	2	2	2	1	3
9	****	****	****	****	****	****	****	6	3	0	5	2	1	1	1	2	5	3	****	****	****	****	****	****	****
10	****	****	****	****	****	3	4	5	7	3	4	5	5	5	5	6	7	8	5	6	3	5	5	5	5
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14	****	****	****	****	****	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6	****	****	****	6
15													- DATA MISSING -												
16													- DATA MISSING -												
17	****	****	****	****	****	****	****	****	****	****	****	9	7	7	8	7	8	10	12	13	12	10	8	8	****
18	7	5	5	6	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	****	****	****	6	8	8	8	9	10	9	9	9	8	8	8	****
21	7	8	7	7	7	8	8	8	8	8	8	8	7	7	7	7	7	5	5	6	7	8	7	8	7
22	9	9	8	6	5	5	5	6	6	5	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29	****	****	****	****	****	****	****	****	****	****	****	****	1	****	****	****	****	****	****	****	****	****	****	****	****
30																									
MEAN	5	5	4	4	4	4	5	6	6	4	6	5	4	5	5	5	7	6	7	6	6	6	5	5	5

PERCENTAGE OF DATA VALID - 28

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

MO 34007

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4	****	****	****	****	****	****	****	****	****	****	****	5	4	2	2	1	1	3	3	3	4	5	7	6	****
5	8	7	6	6	7	7	7	7	9	12	12	11	10	9	8	9	9	9	9	7	5	7	7	7	8
6	7	7	8	9	9	9	8	8	8	8	7	7	5	4	4	4	3	4	5	5	4	5	5	4	6
7	4	3	2	2	3	2	2	3	5	6	6	6	6	6	6	7	7	9	9	9	9	10	9	6	6
8	9	7	7	7	7	7	12	13	11	9	10	10	10	7	12	16	15	9	8	6	6	8	9	5	9
9	4	3	3	3	3	4	6	8	6	5	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25													- DATA MISSING -												
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	6	5	5	5	6	6	7	8	8	8	8	8	7	6	6	7	7	7	7	6	6	7	8	6	7

PERCENTAGE OF DATA VALID - 16

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - D.O.H. BATHURST & WILSON

NO 34007

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG	8	3	4	10
SEP	18	2	3	9
OCT	11	5	8	17
NOV	16	5	7	13
DEC	6	7	9	16
YEAR	59	4	9	17

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN		DATA MISSING					
FEB		DATA MISSING					
MAR		DATA MISSING					
APR		DATA MISSING					
MAY		DATA MISSING					
JUN		DATA MISSING					
JUL		DATA MISSING					
AUG	28	36	40	1	0	0	105
SEP	214	90	63	1	0	0	368
OCT	17	45	111	26	3	0	202
NOV	9	57	122	18	0	0	206
DEC	2	17	68	32	1	0	120
YEAR	270	245	404	78	4	0	1001

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
27	0	0.4	1.2	2.9	5.0	7.7	8.9	10.7	11.8	17	4

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	5	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	3	3	4	4	4	3
2	***	3	3	3	3	4	4	5	5	***	6	5	3	3	2	2	3	4	7	8	6	4	4	4	4
3	5	3	3	2	2	2	1	2	2	2	2	2	2	***	***	3	4	4	3	3	3	5	4	5	3
4	5	6	3	2	3	2	2	2	3	3	2	2	2	2	2	3	***	***	***	***	***	***	***	***	3
5	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	1	1	1	2	1	2	3	6	3	3	2	3
6	3	3	2	2	2	2	3	4	5	5	3	2	2	1	1	1	2	2	1	2	3	3	3	4	3
7	4	5	4	4	4	4	4	4	5	5	4	4	4	3	3	3	4	5	5	5	5	5	5	5	4
8	5	5	5	5	5	5	5	6	6	***	2	1	2	1	1	1	1	1	2	1	2	2	3	1	3
9	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	2	1	2	1	1
10	2	1	1	1	0	0	0	0	0	1	1	1	1	1	2	3	2	3	1	1	2	4	3	3	1
11	2	1	1	0	0	0	0	1	2	2	0	2	2	3	3	3	5	6	5	4	4	3	3	2	2
12	2	3	3	2	2	2	3	3	2	2	3	2	3	3	3	2	3	3	4	3	3	3	3	5	3
13	5	5	5	5	5	6	6	8	11	***	2	1	1	1	1	1	1	3	4	4	3	4	3	2	4
14	2	2	2	2	2	3	3	5	6	6	4	3	2	1	1	1	1	1	1	3	2	0	0	1	2
15	1	1	0	0	0	0	0	1	2	4	5	***	5	5	3	3	3	4	3	3	2	2	2	2	2
16	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
17	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	4	5	4	6	5	5	6	3
18	6	5	5	5	4	4	4	5	6	5	6	5	4	4	4	3	4	3	2	2	2	2	2	2	4
19	3	3	4	4	4	4	4	4	5	4	4	4	3	3	2	2	2	3	3	3	3	3	3	4	3
20	4	5	5	5	6	6	7	8	9	8	***	2	3	2	1	1	1	1	2	4	4	5	4	4	4
21	3	3	3	4	4	4	4	4	5	5	2	2	2	2	2	3	5	6	5	7	8	8	9	9	5
22	8	8	8	8	8	8	7	7	7	6	5	5	3	2	2	2	2	4	5	6	7	***	***	***	6
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	8	7	7	7	7	6	6	6	***
24	5	5	5	5	5	5	4	5	5	4	4	3	3	3	3	2	2	1	1	2	3	4	5	6	3
25	2	2	2	2	3	3	4	5	5	4	***	***	2	2	1	1	1	1	2	2	1	1	1	1	2
26	5	5	4	3	3	3	4	5	5	5	2	2	1	1	1	1	1	2	2	2	2	1	1	0	1
27	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	3	4	5	6
28	0	0	0	0	0	0	1	2	***	***	***	3	3	3	3	3	2	3	2	2	3	4	5	6	2
29	6	7	7	7	8	9	9	9	10	10	9	7	5	4	4	4	4	5	8	7	8	9	9	9	7
30	8	8	8	7	7	7	7	7	7	7	6	5	5	5	4	4	4	3	3	4	4	4	4	4	5
MEAN	4	4	3	3	3	3	3	4	5	4	3	3	2	2	2	2	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	4	2	4	3	3	2	3	2	2	2	2	3	2	2	3
2	2	2	2	2	2	2	2	2	1	1	5	6	4	4	3	3	4	4	3	2	2	3	4	4	3
3	5	5	5	6	6	6	6	6	7	7	7	7	8	7	7	6	6	6	6	7	8	8	9	***	7
4	***	***	***	***	***	***	***	***	***	***	***	6	5	4	3	4	4	4	4	5	4	4	4	4	***
5	4	4	4	3	3	3	3	3	3	3	3	4	3	3	2	3	3	3	2	3	2	3	4	5	3
6	3	2	3	3	3	3	3	8	11	5	3	4	3	3	2	2	3	3	3	4	4	***	***	***	4
7	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	1	1	1	1	1	1	1	1	1	1	1	1	1
8	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	3	3	3	3	4	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	3	3	3	3	3	3	4	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	1	1	1	1	1	1	1	1	1	1	1	1	1
11	***	***	***	***	***	***	***	***	***	***	***	1	1	2	1	1	1	2	1	2	2	2	2	3	***
12	3	4	4	5	5	6	6	7	8	6	6	4	3	2	2	2	2	2	3	4	5	5	5	6	4
13	7	7	7	6	6	6	7	7	7	5	4	3	2	2	2	2	2	2	3	4	5	6	5	5	5
14	5	5	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	2	2	2	2	2	3
15	2	2	3	2	3	3	3	4	4	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	2
16	3	2	3	2	2	1	3	4	5	2	3	3	3	3	2	3	2	3	4	5	5	4	4	4	3
17	4	4	3	2	2	2	2	2	3	2	1	1	1	1	2	3	2	3	4	3	4	4	4	5	3
18	5	5	6	6	7	8	10	11	12	11	7	1	0	0	0	0	0	0	0	0	0	0	1	1	4
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
20	0	1	1	1	1	1	1	1	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	2	2	2	2	2	2	1	2	2	2	2	2	***
22	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	4	5	6	6	6	6	6	3
24	6	6	7	7	7	6	6	6	6	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	4
25	2	2	1	1	1	1	2	2	2	2	4	4	3	3	3	3	3	3	3	3	2	2	3	3	2
26	3	3	4	4	4	5	4	5	4	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	4
27	3	3	4	4	4	5	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
28	3	3	4	4	4	5	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2
MEAN	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 72

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	5	5	6	6	6	5	5	4	3	4	3	3	4	4	4	4	4	4	4	3	4	4
2	4	3	3	3	3	3	3	3	5	5	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	3	4	4	4	4	5	5	5	5	4	3	2	2	2	2	2	2	2	2	2	3	4	4	4	3
9	4	4	5	5	5	5	5	5	5	3	2	2	2	2	2	2	2	2	2	2	3	4	4	4	3
10	5	7	6	5	5	5	5	6	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
11	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2
12	2	2	3	3	3	2	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	4	3
15	3	3	3	3	3	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
16	3	3	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3
17	3	3	3	3	3	3	3	4	6	3	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4
18	5	3	3	3	3	3	3	3	5	7	6	3	2	2	2	2	3	4	5	4	4	4	9	10	4
19	4	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	4	8	9	2	2	3
20	8	6	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2	3
21	2	2	3	2	3	3	3	3	3	4	3	3	3	3	3	2	2	3	4	3	4	4	3	3	3
22	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	4	3	3	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	3	2	3	3	4	4	3	2	3	3	3	0	0	0	0	0	0	0	0	1	1	1	1	1	1
26	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0
27	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31	2	2	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1
MEAN	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH APR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
5	2	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
11																									
12																									
13																									
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	4	3	3	3	3	3	4	4	5	4	4	3	2	3	3	3	3	3	3	2	7	6	5	4	4
21	4	3	4	3	3	2	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	4	4	5	4	3	3	3	3	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	5	5	5	5	4	4	5	6	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	2	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	1	2	3	4	4	3	4	5	4	6	5	4	5	6	7	6	5	5	5	4	4
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	5	4	4	4	5	4	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	1	2	2	3	4	4	4	3	4	4	3	3	3	3	3	2	3	3	3	4	4	4	4	3
3	4	4	4	4	4	4	6	7	6	4	4	3	2	2	2	2	2	3	3	3	4	4	4	4	4
4	4	4	4	4	5	6	6	5	5	5	5	6	5	5	5	5	5	4	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	6	7	7	6	6	6	6	7	7	8	10	9	6	6	6	7	8	8	10	7
9	9	7	7	8	8	7	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
10	6	5	5	5	6	5	5	6	5	6	6	6	6	5	5	5	4	4	5	5	5	5	5	5	5
11	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	3	3	3	3	3	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	3	4	3	3	3	4	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5
16	5	5	5	4	4	4	4	4	5	5	3	3	3	3	3	4	3	3	3	3	4	4	4	4	3
17	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	4	4	4	4	3
18	4	4	4	4	4	5	6	5	4	4	3	3	2	2	1	1	1	1	1	2	3	3	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
21	5	4	4	4	4	5	6	6	4	3	3	3	3	3	3	4	5	4	4	4	5	5	6	6	4
22	7	7	6	5	4	4	4	4	3	3	3	3	2	2	3	4	4	4	3	3	4	5	5	6	4
23	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	6	4
24	5	5	5	5	5	5	5	5	5	3	3	3	4	4	4	4	4	4	4	5	5	5	5	6	4
25	4	4	4	4	4	5	6	7	7	7	6	7	6	5	5	5	3	3	3	1	1	1	2	2	1
26	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2
27	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3
28	3	3	3	3	4	4	4	5	4	3	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3
29	3	3	3	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
30	3	3	3	3	3	4	3	3	3	2	2	2	2	1	1	1	1	1	2	2	2	2	2	3	2
31	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	0	0	1	1	2	2	2	2	3	2
MEAN	4	4	4	4	4	4	5	5	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	4	4	3	1	2	1	1	0	0	0	1	1	1	2	3	2	2	2
2	2	2	2	2	2	3	3	3	3	2	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2
3	1	2	2	2	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2
4	2	3	3	3	3	3	4	4	3	2	2	2	1	1	1	1	2	2	2	2	3	3	3	3	2
5	4	4	3	3	3	4	4	3	2	2	2	2	0	0	0	0	1	1	1	1	2	2	2	2	2
6	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	4	5	5	6	6	6	4
7	2	3	3	3	5	5	5	5	5	5	5	4	4	4	4	4	0	0	0	2	3	5	5	5	4
8	6	6	5	4	5	5	5	6	6	4	4	4	3	3	2	1	0	0	0	1	2	3	3	3	3
9	5	4	4	4	4	4	4	4	3	3	3	2	2	2	2	1	1	1	1	2	3	3	3	3	3
10	3	3	3	3	3	4	5	6	4	3	3	2	2	2	1	1	1	1	1	2	3	3	3	3	3
11	3	4	4	4	4	4	4	4	4	3	3	3	1	1	1	1	1	2	3	3	4	4	4	4	3
12	4	4	3	3	3	4	4	4	5	3	3	4	2	1	1	0	0	0	0	0	1	2	2	2	3
13	3	3	3	3	3	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
14	5	5	5	5	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3
15	4	4	4	4	4	3	4	5	4	4	4	4	4	5	5	4	3	3	3	3	2	2	2	2	4
16	3	2	2	2	2	2	3	4	4	3	3	3	4	3	2	3	3	3	3	3	3	2	2	2	2
17	2	2	2	2	2	3	3	4	3	3	4	4	3	3	1	1	1	1	2	2	2	2	1	1	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	2
19	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	3	3	3	3	3	4	4	4	3	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2
21	3	3	2	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	3	3	3	3	3	3	4	4	3	2	1	1	2	0	0	0	0	0	0	0	0	1	2	2	2
23	2	2	2	2	3	2	3	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
24	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1
25	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
26	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
27	2	2	2	2	2	2	2	2	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1
28	0	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	2	2	2	2	2
30	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	4	4	2
2	4	4	4	4	4	4	4	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	4	4	4
3	4	3	3	3	3	3	5	5	5	5	5	5	5	5	3	3	4	4	3	3	4	4	4	2	4
4	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6																									
7																									
8																									
9																									
10	3	2	2	1	1	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1
11	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
12	1	1	1	2	2	3	5	3	1	1	1	1	1	1	0	1	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	2	2	3	4	5	3	3	2	3	3	4	4	4	3	3	4	3	2	2	3
14	1	1	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	1	2	3	3	3	1
15	1	1	1	1	1	2	2	2	2	3	2	1	1	1	1	1	1	0	0	0	1	1	1	1	2
16	3	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2
17	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18																									
19																									
20																									
21	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	1	1	2	2	2	1
22	3	3	3	3	3	3	3	2	1	1	0	2	1	1	1	2	1	1	1	1	2	4	3	3	2
23	4	4	3	3	3	3	4	5	5	5	2	2	1	1	1	0	0	0	0	1	2	2	2	2	2
24	3	2	2	3	3	3	4	4	4	4	3	2	1	1	1	1	1	1	2	3	4	4	4	3	2
25	4	4	3	3	3	3	3	3	2	2	2	1	1	1	0	0	0	0	1	1	3	2	3	3	2
26	3	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	0	1	1	2	2	3	3	3	2
27	3	3	3	3	3	4	4	4	4	3	3	2	2	2	2	2	3	3	3	5	5	5	5	6	4
28	3	4	4	4	4	4	4	6	6	6	4	4	4	4	3	3	3	4	5	6	7	7	6	5	5
29	6	5	5	5	5	5	6	6	6	6	6	5	1	1	0	1	1	1	2	2	3	2	2	2	3
30	7	7	6	6	6	6	6	6	6	6	6	1	1	1	0	1	1	1	2	2	3	2	2	2	3
31	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	1	1	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH AUG 70

STATION - RAILROAD AVENUE RD DISTRICT - 1000																											
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	3	3	5	4	4	3	3	2	1	0	1	2	2	2	1	2	4	4	5	6	5	3
2	6	6	6	6	8	5	6	5	6	4	4	5	2	2	2	2	3	3	3	3	4	4	3	4	4
3	5	4	4	4	4	4	4	5	5	4	4	4	3	4	4	4	4	5	3	3	4	4	2	2	4
4	2	2	2	2	2	1	1	1	1	0	0	0	2	2	2	2	2	2	3	4	6	6	6	7	2
5	7	7	7	7	7	8	8	7	6	6	5	5	4	4	4	3	3	3	4	5	6	6	6	6	6
6	6	6	6	6	6	6	7	6	6	6	4	3	3	3	3	3	3	4	5	6	9	10	10	9	6
7	8	7	7	7	6	6	6	6	6	5	4	4	4	3	3	3	3	3	4	4	5	6	6	6	5
8	6	6	6	6	6	7	9	9	7	5	5	4	4	6	7	7	7	10	10	11	11	10	10	9	7
9	8	8	8	7	6	6	6	6	6	6	6	5	***	***	***	***	***	***	***	***	***	***	***	***	***
10	7	8	7	7	7	6	8	7	6	4	3	3	3	3	3	3	2	2	3	4	6	5	5	6	5
11	7	8	7	7	7	8	9	8	6	6	5	4	4	3	2	2	1	0	1	3	4	6	5	5	5
12	5	5	5	5	5	7	7	7	6	4	4	2	1	0	0	0	0	0	0	2	3	4	4	5	3
13	***	***	***	***	***	***	***	***	***	***	***	***	***	4	4	4	4	4	5	5	5	6	6	6	***
14	6	6	6	6	6	7	7	8	7	5	7	8	***	***	***	***	***	***	***	***	***	***	***	***	***
15	5	4	4	4	4	5	6	7	7	5	7	8	***	***	***	***	***	***	***	***	***	***	***	***	***
16	5	5	5	5	5	4	4	4	3	2	2	2	2	1	1	0	0	0	1	3	4	4	5	5	3
17	5	5	5	6	6	6	6	10	8	5	5	4	2	4	4	5	6	4	4	4	4	5	2	2	4
18	4	4	4	3	3	4	4	4	6	7	7	6	4	4	4	4	4	3	3	3	3	2	2	2	4
19	***	***	***	***	***	***	***	***	***	***	***	***	DATA MISSING	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	3	3	2	1	0	0	0	0	0	1	2	3	4	5	***
21	4	4	4	4	4	4	6	8	5	2	1	1	1	1	1	1	2	2	2	3	4	4	5	5	3
22	4	4	4	4	4	5	5	5	6	4	3	2	2	1	1	2	2	2	2	3	4	4	4	4	3
23	4	5	5	4	6	5	6	6	5	4	4	5	5	5	2	2	3	3	3	5	6	6	6	5	5
24	5	5	4	4	4	3	4	4	3	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	3
25	3	3	3	3	3	4	5	5	4	3	2	2	***	***	***	0	0	1	2	5	0	0	3	3	3
26	4	4	3	5	4	4	4	4	5	3	2	2	1	1	1	0	1	0	1	0	0	0	1	1	2
27	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	1	1	2	3	3	3	3
28	4	4	4	4	4	3	4	4	3	4	4	1	1	1	0	0	1	1	2	2	3	3	3	4	3
29	3	3	3	3	3	3	3	5	4	3	2	1	1	0	0	0	1	1	1	2	2	2	2	3	2
30	2	3	2	2	3	3	3	4	3	2	1	0	0	0	0	0	0	0	0	1	2	2	4	3	2
MEAN	5	5	5	5	5	5	5	6	5	4	3	3	2	2	2	2	2	2	3	3	4	5	5	5	4

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	3	3	2	2	1	***	***	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	2	2	2	2	1	1	1	1	1	0	0	0	1	1	***
3	2	2	2	2	2	2	2	2	2	1	1	0	0	0	1	1	1	1	2	2	2	2	2	2	2
4	2	3	3	3	3	3	2	2	2	2	2	2	1	1	2	1	1	1	2	2	3	3	3	2	2
5	3	3	3	3	3	3	5	6	7	6	4	2	***	0	1	1	2	2	2	2	2	2	2	2	3
6	2	2	2	2	2	2	2	4	3	1	0	0	0	1	1	1	1	0	1	4	7	7	8	8	3
7	11	12	10	10	9	7	8	8	9	12	7	***	4	4	3	2	4	4	4	5	5	5	5	7	7
8	6	5	4	4	4	4	5	7	9	11	12	3	2	2	1	1	3	5	5	4	6	5	5	5	2
9	5	5	4	3	3	3	3	4	3	2	1	1	2	2	1	1	1	3	1	3	1	1	2	2	2
10	2	2	2	2	2	2	3	3	4	3	2	2	2	2	1	2	2	5	4	3	3	3	4	3	3
11	3	3	4	3	3	3	3	3	4	4	3	5	6	3	2	2	3	4	4	4	3	3	4	3	3
12	3	3	3	3	3	3	3	4	3	2	2	2	2	1	1	1	4	2	1	1	2	2	2	2	2
13	1	1	2	2	2	2	3	5	4	2	2	2	2	2	3	5	5	5	5	5	5	5	6	3	3
14	5	5	4	5	5	5	6	9	6	6	6	7	4	4	3	3	2	2	2	3	3	5	4	4	5
15	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3
16	3	3	3	3	3	3	3	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
17	5	5	5	5	7	5	6	8	7	5	4	4	3	3	3	3	4	4	4	4	4	4	4	4	5
18	4	3	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	3	4	3	4	4	4	3
19	4	3	3	3	4	4	7	12	9	5	3	3	1	2	2	2	3	3	4	4	5	6	5	5	3
20	4	3	3	3	3	3	5	8	11	5	2	2	2	2	2	5	4	3	3	3	2	2	2	2	4
21	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	2	2	2	2	2	2	2	2	3
22	2	2	2	2	2	2	3	4	3	3	3	2	2	2	2	1	4	2	2	2	2	2	2	2	2
23	2	1	2	2	1	1	2	3	3	2	2	1	***	2	1	1	1	2	3	4	3	2	2	2	2
24	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	3	3	5	6	6	5	2
25	10	6	7	6	4	4	4	4	4	3	3	3	3	3	3	3	2	3	4	4	6	5	2	2	4
26	2	5	3	2	2	2	3	4	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	2
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2
30	3	2	3	2	2	2	2	3	3	3	2	2	2	4	***	2	3	4	3	3	3	3	2	1	3
31	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1	1	2	1
MEAN	3	3	3	3	3	3	3	4	4	4	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	3	4	5	5	8	6	5	6	3
2	2	2	3	2	2	3	3	4	5	5	3	3	3	3	2	2	2	4	4	3	3	3	2	3	3
3	2	2	3	2	2	2	2	3	4	3	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3
4	3	3	3	3	2	3	3	3	4	4	3	3	3	2	2	2	3	4	4	3	3	3	4	4	3
5	3	3	2	3	4	2	2	2	2	2	4	3	3	3	4	4	4	3	4	2	2	2	2	2	3
6	4	4	4	4	4	4	4	4	5	5	4	3	3	3	1	1	1	1	4	8	5	5	5	5	3
7	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	4	3	4	3	5	7	6	4
8	5	5	5	5	5	5	5	5	5	5	3	2	2	2	2	2	3	4	3	3	2	2	2	2	3
9	6	4	3	3	2	2	4	6	5	3	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3
10	2	2	2	2	2	2	2	4	5	3	2	3	2	2	2	2	2	2	3	3	3	3	3	4	3
11	4	4	4	3	3	3	3	4	6	4	4	5	5	3	3	3	4	4	5	5	5	4	3	3	4
12	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
14	3	3	3	3	3	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3
15	5	3	3	3	5	4	5	4	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4
16	4	4	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
17	2	2	2	2	2	2	2	2	3	3	2	2	2	1	2	2	2	2	3	4	8	7	6	5	3
18	3	3	3	3	3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
19	2	1	2	2	2	1	2	3	2	2	2	1	1	1	1	1	1	2	3	2	2	4	6	5	2
20	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	1	2	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	0	1	1	1	0	0	2	2	1	1	0	0	0	0	1	0	1	1	1	0	0	0	0	1
26	1	1	1	1	0	0	1	3	5	4	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	2
2	0	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	2	2
3	1	2	2	2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3
4	3	3	3	3	2	2	3	3	4	5	5	3	3	3	3	3	2	2	2	2	2	2	2	2	3
5	2	2	3	3	2	2	2	2	5	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	3
6	2	2	2	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3
7	4	3	2	1	1	1	1	4	5	2	0	0	0	0	0	0	0	1	4	3	4	4	4	4	3
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	2	1	1	1	1	1	1	3	4	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2
12	2	1	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
13	2	2	2	1	2	1	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	2	2	3	7	7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
15																									
16																									
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26																									
27																									
28																									
29																									
30																									
31																									
MEAN	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 38

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	3	7	11
FEB	23	3	7	12
MAR	31	2	4	10
APR	24	2	4	7
MAY	31	4	7	10
JUN	30	2	4	6
JUL	25	2	5	7
AUG	30	3	10	14
SEP	29	4	7	11
OCT	31	3	7	12
NOV	30	2	4	9
DEC	14	2	3	7
YEAR	328	3	10	14

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	146	264	245	14	0	0	669
FEB	74	260	147	6	0	0	487
MAR	136	474	126	3	0	0	739
APR	282	198	49	0	0	0	529
MAY	59	234	445	4	0	0	742
JUN	251	351	118	0	0	0	720
JUL	204	239	104	0	0	0	547
AUG	230	247	169	26	0	0	672
SEP	100	176	357	15	0	0	648
OCT	93	431	179	15	0	0	718
NOV	243	350	121	1	0	0	715
DEC	111	154	24	0	0	0	289
YEAR	1929	3378	2084	84	0	0	7475

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
85	0	0.4	1.2	1.9	2.9	4.7	5.7	7.1	8.3	14	3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JAN 70

STATION	EVANS ARKOLD ETC. (SEE TABLES)																								
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	8	9	8	5	5	6	5	5	5	4	4	4	5	5	6	7	6	6	6	6	8	6	
2	12	12	11	9	6	7	6	11	12	10	5	5	5	5	6	6	9	9	9	10	11	12	11	10	9
3	10	7	5	5	4	4	5	5	5	5	5	5	4	4	4	4	6	5	5	5	5	5	5	6	5
4	8	8	5	5	5	4	5	5	5	5	5	5	5	5	5	5	4	5	7	7	7	6	6	5	6
5	4	4	4	4	4	5	7	10	9	8	6	5	5	5	4	4	4	7	11	9	10	8	7	6	7
6	5	5	5	5	5	5	6	10	5	4	4	6	7	6	6	5	6	5	4	5	5	5	5	5	5
7	5	6	6	6	5	5	6	5	4	4	6	7	6	6	5	6	5	7	7	6	5	5	5	5	6
8	5	6	5	5	5	5	7	6	5	5	5	5	5	5	5	5	4	5	6	6	6	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	5	5	5	5	6	5
11	5	5	5	4	4	4	4	4	4	4	5	5	4	4	3	4	5	6	6	7	8	10	9	10	5
12	9	6	5	5	5	5	6	8	10	9	6	6	6	6	6	6	8	8	5	5	5	5	5	5	6
13	5	5	5	5	5	5	5	8	8	7	6	6	5	5	5	8	4	7	5	5	5	5	5	5	7
14	5	5	5	5	5	5	6	9	12	8	6	5	5	5	6	7	6	8	12	10	7	5	5	5	6
15	5	5	5	4	4	4	5	8	10	11	11	8	5	4	6	7	9	8	7	7	6	12	7	6	9
16	5	5	5	5	5	6	11	20	26	12	8	8	8	9	7	8	9	8	7	7	6	5	6	6	6
17	6	6	6	6	6	7	7	7	7	6	6	7	7	7	7	7	7	7	7	7	6	5	6	6	6
18	6	6	6	5	5	5	5	5	5	5	5	5	6	6	7	8	9	10	10	9	7	8	7	7	7
19	8	7	7	6	8	11	12	11	6	6	6	5	6	6	5	6	8	9	5	5	5	5	5	5	7
20	5	5	4	4	4	4	5	9	8	5	5	5	5	5	4	3	2	5	5	5	5	5	5	5	5
21																									
22																									
23																									
24																									
25																									
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	7	6	6	7	9	9	10	5
27	9	8	5	4	4	5	5	7	6	6	5	5	5	4	5	6	8	10	13	3	4	5	3	3	4
28	5	4	4	4	4	4	4	5	7	7	5	5	2	3	4	3	5	4	5	5	3	3	2	2	4
29	3	3	3	3	3	3	3	4	5	7	5	5	4	5	4	4	5	5	5	3	3	3	2	2	3
30	2	2	2	2	2	2	2	6	8	5	3	3	2	2	2	2	3	4	5	4	3	3	2	2	3
31	2	3	2	3	3	3	2	2	2	3	3	2	2	2	2	3	3	3	3	3	3	3	3	4	3
MEAN	6	6	5	5	5	5	6	7	8	6	6	5	5	5	5	5	6	7	6	6	6	6	6	6	6

- DATA MISSING -
- DATA MISSING -
- DATA MISSING -
- DATA MISSING -
- DATA MISSING -

PERCENTAGE OF DATA VALID - 80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	4	4	4	4	4	4	3
2	4	4	3	4	3	4	4	6	9	8	6	4	6	6	4	7	9	10	5	5	4	4	4	4	6
3	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4
4	3	3	3	3	3	3	4	8	6	5	3	3	3	2	3	4	5	4	4	4	4	4	4	4	5
5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	4	4	5	9	12	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	4	4	4	4	4	4	4	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	9	9	11	10	9	8	7	7	7	7	6	7	7	9	7	4	3	4	4	6	10	13	15	13	8
9	5	5	5	5	5	5	5	8	10	7	6	8	7	6	4	5	8	8	7	7	7	6	5	5	6
10	4	4	5	4	5	5	6	8	8	8	8	8	8	7	8	9	10	8	6	5	5	5	5	5	7
11	4	4	4	4	4	4	4	5	5	5	4	3	3	3	3	4	5	5	5	4	4	4	4	4	4
12	3	3	3	3	3	3	5	6	6	5	5	4	2	0	3	4	5	7	5	3	3	3	5	5	5
13	3	4	4	4	4	4	4	5	7	6	5	5	4	3	3	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	4	4	3	4	4	5	4	5	8	6	5	5	5	5
15	4	5	5	4	4	4	4	4	4	4	5	4	4	5	5	5	6	6	7	8	7	7	5	5	5
16	5	5	5	5	5	5	7	12	11	7	4	2	2	2	4	5	7	5	6	6	6	6	6	5	6
17	5	6	5	6	6	6	7	9	8	6	6	5	5	6	5	7	11	7	7	9	8	9	9	8	7
18	7	7	6	6	6	6	6	7	9	8	7	7	7	7	8	8	9	10	7	11	10	8	8	7	8
19	6	6	6	6	6	6	6	8	7	7	6	7	6	6	6	6	7	7	7	7	6	6	5	5	6
20	5	5	5	5	5	7	7	10	9	7	6	6	5	4	4	4	6	6	6	6	6	6	6	5	6
21	6	6	6	6	6	6	6	6	7	7	6	6	5	6	7	6	5	6	6	6	5	5	6	7	6
22	7	6	7	7	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
23	6	6	6	6	6	6	8	10	6	6	6	6	6	6	7	5	7	12	10	9	12	6	6	6	7
24	6	6	6	6	6	6	8	7	7	7	6	6	6	7	7	6	7	7	6	6	6	6	6	6	7
25	6	6	6	6	6	6	8	7	7	7	5	6	6	7	7	7	8	8	7	7	7	7	7	7	7
26	6	6	6	6	6	6	7	8	8	8	5	6	6	7	7	7	8	9	8	8	8	8	7	8	8
27	7	7	7	7	7	7	8	8	8	8	7	6	6	6	6	6	7	7	8	9	10	9	10	9	8
28	7	7	7	7	7	7	8	8	8	7	7	6	6	6	6	6	7	7	8	9	10	10	10	9	8
MEAN	5	5	5	5	5	5	6	7	7	6	5	5	5	5	5	6	7	6	6	6	6	6	6	6	6

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAR 70

STATION - EVANS/ARNOLD ETOBICOKE OAMST	NO 35033	MONTH MAR 70	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	10	9	9	8	8	8	8	8	8	8	7	7	7	8	8	7	7	8	8	7	7	8	7	8	8
2	8	9	8	7	8	8	9	13	15	12	10	9	5	5	8	7	6	3	5	5	5	5	5	4	4	5	7
3	4	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	4	5	5
4	5	5	5	5	5	5	5	6	6	7	7	7	8	8	8	7	9	11	12	11	8	5	5	5	5	5	5
5	5	5	5	5	5	5	5	6	6	6	6	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	6	8	6	5	5	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
8	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	4	4	4	4	4	4	3
9	2	2	2	2	2	2	3	5	6	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4
10	4	4	4	4	4	4	5	6	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11	4	4	4	4	4	4	5	7	6	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
12	4	4	3	3	3	3	3	5	5	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4
13	3	3	3	3	3	3	3	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14	4	4	3	4	4	4	4	5	5	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
15	4	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	4	5	5	5	5	5	5	3	3	3	3	3	4	3	3	3	3	3	3	3
17	3	3	3	3	3	3	3	5	5	5	5	5	5	5	3	3	3	3	3	4	5	5	5	5	5	5	5
18	7	5	5	6	6	7	7	10	8	5	5	5	6	6	***	0	0	1	3	3	3	3	3	3	3	3	3
19	3	2	2	2	2	2	3	5	5	2	2	1	1	1	0	0	0	1	3	3	4	7	10	10	12	13	4
20	12	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3
21	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	4	5	6	4	3	2	3
22	3	4	3	3	3	3	3	6	8	5	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	5
23	2	2	2	2	2	2	3	5	6	4	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
25	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	2	3	4	3	3	3	3	3	3	3
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2	3	4	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2	3	4	3	3	3	3	3	3	3
28	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	4	3	3	3	3	3	3	4	5	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	5	3
31	6	5	4	4	4	4	5	6	7	4	3	1	3	3	3	3	4	5	4	4	4	4	4	4	4	5	4
MEAN	4	4	4	3	3	4	4	5	5	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH APR 70

STATION - EVANS/ARNOLD ETOBICOKE OAMST	NO 35033	MONTH APR 70	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	4	4	4	4	5	7	8	4	4	4	4	3	4	2	3	4	5	4	4	4	3	3	4	4	4
2	4	3	3	4	4	4	4	5	5	5	5	5	5	5	5	4	6	8	8	4	4	4	4	4	5	4	4
3	3	3	3	3	3	3	4	5	5	4	3	3	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4
4	5	4	4	4	4	4	3	4	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	5	4	4
5	4	5	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	4	4	4	4	4	4	4	5	6	4	4	4	4	4	2	2	2	3	5	5	5	5	5	5	5	5	5
7	4	4	4	4	4	4	4	5	6	5	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	4
8	3	3	3	3	3	3	3	6	7	6	4	4	4	3	3	2	2	3	5	5	5	5	5	5	5	5	5
9	6	5	5	5	5	5	6	7	6	4	4	4	4	3	3	2	2	3	5	5	5	5	5	5	5	5	5
10	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	6	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4
12	5	5	5	4	4	4	5	4	4	4	3	4	4	4	4	3	3	3	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	6	7	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	4	4	5	5	5	5	5	6	6	6	6	6	6	6	4	5	8	8	8	8	8	8	8	8	8	8	8
15	5	5	4	4	4	4	5	6	7	7	5	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5
16	6	6	6	6	6	6	7	8	9	7	5	5	5	5	5	4	4	4	5	6	6	7	8	9	8	7	7
17	8	11	10	8	8	7	8	7	8	7	7	7	7	7	6	5	5	5	5	6	7	8	8	7	8	8	7
18	8	8	8	8	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7	7	7	7	7	7	7	7	7
19	9	8	7	7	7	7	7	7	9	10	8	8	8	6	4	5	3	5	7	8	8	11	8	7	7	8	7
20	7	7	7	7	7	8	8	9	9	10	8	8	8	7	7	7	7	6	8	7	7	6	6	6	6	6	7
21	7	3	7	7	7	7	7	9	9	7	7	7	7	7	7	7	7	6	8	7	7	6	6	6	6	6	7
22	6	6	6	6	6	6	7	7	8	8	7	6	6	6	5	5	5	6	6	6	7	8	8	7	7	7	6
23	8	8	8	8	8	7	9	11	11	10	9	8	9	8	5	9	5	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	2	3	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	1	2	4	6	7	4
25	4	5	4	3	4	4	4	4	4	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	5	5	5	5	5	8	7	9	7	3	1	0	0	0	0	0	0	0	0	0	0	1	2	3	6	5	5
27	5	6	7	7	8	9	10	9	5	4	2	2	3	1	1	1	1	1	1	0	3	3	4	5	4	4	3
28	3	3	3	4	4	6	6	6	4	2	2	3	1	1	1	1	1	1	1	0	3	3	4	5	4	4	3
29	4	3	5	5	4	5	6	10	7	4	5	5	5	4	4	5	6	6	6	5	6	6	6	6	6	6	5
30	4	3	5	5	4	5	6	10	7	4	5	5	5	4	4	5	6	6	6	5	6	6	6	6	6	6	5
MEAN	5	5	5	5	5	5	6	7	6	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4	4	4	4	4	4	5	7	5	5	5	4	5	5	5	4	5	5	4	4	4	4	4	5	5	5
5	4	4	4	4	4	5	5	5	4	3	4	4	5	4	4	4	4	4	4	4	5	5	5	4	4
6	4	4	4	4	4	5	5	5	4	4	4	4	5	3	1	1	3	3	3	3	4	5	5	4	4
7	4	4	4	4	4	5	5	5	4	4	4	4	5	3	1	1	3	3	3	3	4	5	5	4	4
8	4	4	4	4	4	5	5	5	4	4	4	4	5	3	1	1	3	3	3	3	4	5	5	4	4
9	6	7	7	7	6	6	6	6	5	5	5	4	4	4	3	3	3	3	4	4	4	4	5	5	5
10	5	5	5	5	5	5	4	5	5	4	3	3	4	4	3	3	3	2	2	2	2	3	4	4	4
11	4	4	5	5	5	8	9	8	5	4	3	2	2	2	3	4	4	4	4	4	4	5	6	7	5
12	6	6	6	6	5	6	7	6	6	6	6	6	6	5	4	5	5	5	5	5	7	7	6	8	3
13	7	7	6	6	6	7	9	10	9	7	6	7	7	10	11	10	10	6	7	6	7	7	7	8	7
14	6	6	6	6	6	8	9	9	8	7	5	4	3	3	3	3	3	4	5	6	6	6	6	6	6
15	7	7	6	6	6	6	9	9	8	8	9	10	10	9	9	10	9	8	8	8	9	9	8	7	8
16	9	9	9	7	7	6	5	5	5	5	4	4	4	4	4	4	4	4	5	4	4	4	4	5	5
17	4	4	4	4	4	4	4	4	4	4	4	3	2	2	3	3	4	3	3	3	3	4	5	4	2
18	4	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	3	4	5	4
19																									
20	6	5	5	6	8	9	11	7	4	5	5	4	3	2	2	2	2	2	2	2	3	4	5	6	5
21	5	5	5	6	6	5	6	6	6	4	4	3	2	1	1	4	4	4	2	2	3	4	5	6	5
22	5	5	5	6	6	5	6	6	6	5	5	5	4	4	4	3	3	3	3	3	6	7	12	12	5
23	11	9	7	7	7	6	8	6	4	3	3	3	4	4	5	5	5	5	5	5	6	6	6	6	6
24	6	6	6	6	6	7	9	9	8	7	7	7	6	5	4	3	3	4	5	5	5	4	4	4	3
25	4	3	3	3	4	5	6	5	3	4	3	1	1	0	0	0	1	1	2	2	3	4	4	5	3
26	5	5	5	4	5	5	6	6	6	4	4	3	4	4	4	4	4	3	3	3	4	5	5	5	3
27	5	5	4	4	4	5	7	8	6	4	3	3	5	5	5	6	6	4	4	5	5	5	5	5	3
28	5	5	5	6	5	6	7	7	7	6	6	6	6	5	5	5	4	3	2	2	3	4	5	5	3
29	5	6	6	6	6	7	6	5	4	3	2	1	0	0	0	0	0	0	0	1	3	4	5	5	3
30																									
31	5	5	6	6	5	5	4	4	3	3	2	1	0	0	0	0	0	0	0	1	2	3	2	2	2
MEAN	5	5	5	5	5	6	7	6	5	5	4	4	4	4	4	4	4	3	3	4	5	5	6	6	5

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	4	6	6	6	5	5	4	2	1	2	4	4	2	1	1	1	2	2	3	4	3
2	4	4	4	4	4	5	6	7	5	4	3	3	3	3	2	3	3	4	4	4	4	5	5	4	7
3	6	7	7	7	7	9	10	10	10	9	8	8	7	6	5	5	5	4	5	5	6	7	8	7	7
4	8	9	9	9	9	12	12	11	8	6	6	5	5	5	4	4	3	3	3	4	5	6	7	8	7
5	12	10	9	9	10	12	13	11	8	7	5	6	5	5	5	4	4	3	3	4	5	6	7	10	7
6	9	9	9	9	10	10	10	10	9	7	7	6	5	4	4	4	4	4	5	6	7	7	9	10	7
7	10	10	10	10	10	9	9	8	7	7	6	5	4	4	4	4	4	4	5	6	7	7	9	10	7
8	10	10	9	9	10	11	14	14	11	8	7	6	5	4	4	4	4	4	5	6	7	7	9	10	7
9	10	9	9	10	12	11	12	11	9	6	4	3	3	3	3	3	3	3	3	3	5	6	7	6	6
10	6	6	7	7	8	9	11	11	8	7	6	5	6	6	4	4	3	3	3	4	5	6	7	7	6
11	7	7	7	7	8	9	10	10	8	5	5	3	3	2	1	1	2	3	3	5	6	6	6	5	5
12	6	6	7	7	7	9	11	11	10	7	4	3	3	1	1	1	1	0	0	0	1	2	3	4	4
13	5	4	4	4	5	5	5	5	3	2	2	1	1	1	1	1	1	1	1	1	2	4	5	3	3
14	5	5	5	6	6	7	5	4	3	2	2	1	1	1	1	1	1	2	3	3	4	4	5	6	3
15	6	5	5	4	4	5	7	7	6	6	7	5	7	6	5	5	6	5	4	4	5	5	5	5	5
16	5	5	5	5	5	6	6	8	6	6	8	6	4	3	2	3	2	2	2	4	5	5	5	5	5
17	6	5	5	5	6	6	7	8	7	5	5	4	5	4	3	2	2	2	2	3	4	4	4	4	4
18	9	7	8	9	10	11	12	13	13	8	5	4	4	2	1	1	1	0	1	1	2	3	4	4	6
19	5	5	5	6	6	7	8	8	7	6	5	6	8	8	6	7	8	7	7	7	7	7	7	8	7
20	8	7	7	7	7	7	7	7	6	6	6	5	4	3	3	3	4	4	4	5	6	7	9	9	6
21	11	11	9	8	8	9	9	8	7	5	4	3	3	4	3	4	4	5	5	6	7	8	10	9	7
22	9	7	7	7	7	8	11	10	6	5	5	5	4	3	3	2	3	2	2	3	4	6	5	6	5
23	7	6	6	6	7	9	11	10	8	5	4	3	2	2	2	2	1	1	2	3	4	5	6	5	5
24	7	6	6	6	7	9	10	9	7	5	4	4	2	2	1	2	2	3	4	4	5	7	8	9	6
25	7	7	7	7	7	8	10	9	8	6	4	3	5	6	5	5	5	4	4	4	3	3	2	3	3
26	2	2	2	2	2	2	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	3	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
28	3	2	1	2	2	2	3	3	2	2	0	0	0	0	0	0	1	1	1	1	1	2	3	3	1
29	3	3	3	3	3	4	6	4	3	3	3	3	5	3	2	2	1	1	1	1	3	4	4	4	3
30																									
MEAN	7	6	6	6	7	8	8	8	7	5	5	4	4	3	3	3	3	3	3	3	4	5	6	6	5

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	6	6	8	7	5	3	2	1	1	1	4	5	6	7	7	6	6	6	6	6	5
2	6	6	6	6	6	6	7	6	6	6	7	7	7	7	8	10	10	10	10	10	10	9	10	9	8
3	9	9	9	9	9	11	12	11	11	10	9	9	9	9	9	14	14	11	9	10	11	11	10	9	10
4	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	10	10	11	11	11	10	10
6	9	9	9	9	9	10	12	12	11	11	1	1	3	3	3	3	3	2	3	3	4	4	3	3	6
7	3	3	3	3	3	4	5	6	4	4	2	3	3	3	3	4	3	3	3	4	3	4	4	3	3
8	3	3	3	3	4	5	4	4	3	3	3	2	***	***	***	***	***	***	***	***	***	***	***	***	***
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	1	0	0	0	****
21	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0
22	0	0	0	0	0	2	3	3	1	0	0	0	2	2	2	1	1	1	1	1	1	2	4	3	1
23	2	2	2	2	2	4	7	5	2	2	1	1	1	1	1	1	1	1	1	1	0	1	0	2	2
24	0	0	0	0	1	2	3	1	0	0	0	0	1	2	2	2	3	2	2	4	5	5	5	6	2
25	8	8	7	6	6	6	6	7	8	8	7	7	7	8	8	8	8	8	8	8	8	8	10	10	8
26													- DATA MISSING -												
27													- DATA MISSING -												
28													- DATA MISSING -												
29													- DATA MISSING -												
30													- DATA MISSING -												
31													- DATA MISSING -												
MEAN	5	5	5	5	5	6	7	6	5	5	4	4	5	5	5	6	6	5	5	5	5	5	6	5	5

PERCENTAGE OF DATA VALID - 41

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	5	5	5	4	4	4	4	4	13	11	11	11	11	12	12	13	12	12	5	5	5	5	5	5	****
15	12	12	12	10	11	10	10	10	10	10	9	9	8	8	7	7	7	8	8	8	9	9	9	9	9
16	9	8	7	7	8	7	8	8	8	8	8	8	7	7	6	5	5	5	6	6	7	7	7	7	7
17	5	5	5	5	5	6	7	6	6	5	5	5	5	4	5	5	5	4	5	5	5	5	5	5	5
18	5	5	5	5	5	5	7	8	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	4	4	4	5	5	5	5	6	6	5	10	9	10	10	10	10	10	10	10	10	10	10	10	10
20	9	8	9	10	10	11	12	11	10	10	10	9	9	7	7	9	9	8	8	8	9	9	8	8	9
21	8	8	7	7	7	8	9	9	8	8	7	7	7	7	7	8	8	8	8	8	8	9	9	9	8
22	9	8	8	8	8	8	8	8	9	8	8	8	8	8	7	8	8	8	8	8	9	9	8	8	8
23	8	8	8	8	8	8	8	8	8	8	8	7	9	8	7	8	8	8	8	9	9	9	9	9	9
24	9	9	8	8	8	8	9	10	11	10	9	9	8	9	9	9	9	9	9	9	9	9	9	9	9
25	9	8	8	8	8	9	11	11	11	10	9	9	9	9	8	8	8	8	9	9	9	9	10	9	9
26	8	8	8	8	9	10	12	11	9	8	8	8	8	8	8	9	9	9	9	10	9	10	10	11	9
27	11	10	9	9	10	10	12	11	10	10	10	9	9	10	11	11	10	9	9	9	10	10	10	9	10
28	9	9	8	8	8	8	9	8	7	7	7	7	7	8	8	8	8	9	9	10	9	9	10	8	8
29	10	8	8	8	8	9	10	9	9	9	10	10	10	10	11	12	11	11	10	10	10	10	10	10	10
30																									
31	9	9	8	8	9	10	13	12	9	8	8	8	8	10	10	10	10	10	11	11	11	11	11	11	10
MEAN	8	8	8	8	8	8	9	9	9	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	8

PERCENTAGE OF DATA VALID - 59

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH SEP 70

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
HOUR DAY																									
1	10	10	10	10	10	12	13	13	11	11	11	10	10	10	10	10	11	11	11	12	12	12	12	12	11
2	12	11	11	11	11	12	14	14	14	12	12	11	11	11	12	12	11	11	12	12	12	12	13	12	12
3	12	12	11	12	12	12	13	12	13	12	12	12	12	13	13	13	14	13	14	14	14	14	14	13	13
4	13	13	13	13	13	13	14	14	13	13	13	13	12	10	11	12	13	12	13	14	14	13	13	13	13
5	13	12	12	12	12	12	12	12	12	11	11	12	12	12	12	12	12	12	12	12	13	13	13	13	12
6	13	12	11	11	12	12	12	12	11	11	10	10	10	10	10	10	11	12	12	12	13	13	13	13	12
7	15	15	14	13	13	12	12	11	11	11	11	11	12	12	12	12	12	12	13	14	14	11	10	10	13
8	12	12	12	12	13	13	14	14	13	13	11	13	14	16	16	15	14	13	14	14	14	8	7	8	8
9	10	9	9	8	7	9	9	8	6	8	8	7	6	6	6	6	5	5	5	5	6	6	6	6	7
10	7	7	7	7	8	10	9	8	8	8	8	7	6	6	6	6	5	5	5	5	6	6	6	6	7
11	6	6	6	7	8	9	9	6	10	****	****	13	13	11	11	10	10	10	11	14	14	14	15	14	10
12	15	15	15	17	17	17	19	17	15	12	11	10	10	10	9	9	9	10	11	12	13	13	14	15	13
13	15	15	15	14	14	14	15	14	14	14	15	15	15	15	15	15	16	16	16	17	17	19	18	15	
14	17	17	17	17	17	17	19	20	18	18	18	****	18	17	14	13	12	12	12	11	11	12	12	12	15
15	11	11	11	11	11	11	12	15	14	13	12	11	11	11	11	11	12	11	11	11	11	12	13	12	12
16	12	12	12	12	12	12	13	12	11	10	9	9	8	7	6	6	7	6	7	8	9	10	11	11	10
17	11	12	12	12	12	13	16	20	16	11	10	9	9	8	9	11	11	10	10	12	12	12	13	12	11
18	12	12	12	12	12	13	15	17	15	14	13	****	****	8	9	9	11	9	8	9	7	7	7	7	11
19	7	7	6	7	6	6	7	7	7	5	4	4	4	4	4	4	5	5	6	7	7	7	9	11	7
20	8	10	10	10	9	9	10	10	8	6	6	6	4	4	4	4	5	5	6	7	7	7	9	11	7
21	12	12	11	11	10	10	13	13	10	7	6	5	5	1	1	2	2	1	1	1	1	1	1	1	6
22	0	0	0	1	1	2	6	4	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	0	1	1	2	7	9	10	10	10	11	11	12	12	10	9	9	11	12	6
24	11	10	9	9	9	9	10	10	10	9	8	8	8	7	8	12	****	****	****	****	****	****	****	****	9
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30	****	****	****	****	****	****	****	****	****	****	6	6	6	6	6	6	6	6	6	6	6	6	6	6	****
MEAN	11	11	10	10	10	11	12	12	11	10	10	9	9	9	9	9	10	9	10	10	10	10	11	11	10

PERCENTAGE OF DATA VALID - 80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	7	9	9	8	7	6	5	6	6	6	6	7	7	7	7	7	6	6	6	7
2	6	6	7	7	7	7	13	12	8	8	8	8	8	8	9	9	9	9	8	8	7	6	6	6	8
3	6	6	6	6	6	7	7	7	7	7	7	7	6	6	6	6	5	5	5	5	5	4	4	4	6
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	5	6	7	5	4
5	5	5	5	5	5	6	9	14	14	20	14	8	5	4	5	6	7	7	7	6	5	5	5	5	7
6	5	5	5	6	7	8	9	10	8	7	7	7	8	8	8	8	9	9	11	16	20	20	15	15	10
7	15	14	****	****	****	****	****	****	9	9	9	9	10	9	10	12	10	10	10	10	10	11	14	17	11
8	20	18	16	13	13	14	21	25	23	19	11	10	10	10	11	13	13	11	12	9	9	9	8	8	10
9	13	9	9	9	9	9	10	11	10	10	10	10	10	9	11	13	13	11	12	9	9	9	8	8	10
10	8	8	8	8	8	8	9	9	9	9	9	9	8	8	8	8	8	8	11	12	9	8	8	8	9
11	7	7	7	7	7	7	7	7	7	7	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
12	7	7	7	7	7	7	8	8	8	12	12	11	11	10	11	10	10	11	10	10	10	10	9	9	9
13	9	10	9	9	9	12	14	12	10	8	9	9	10	10	11	11	11	11	10	11	12	12	11	11	11
14	9	9	9	9	9	11	14	14	12	12	13	14	11	11	12	15	12	11	10	9	9	9	8	7	11
15	7	7	7	7	8	8	11	9	8	8	8	8	8	8	8	7	7	7	7	7	8	9	9	9	8
16	7	7	7	6	6	8	12	12	8	7	7	6	7	7	7	8	8	9	11	13	12	9	9	8	9
17	9	8	8	8	8	11	12	12	10	8	8	8	8	8	8	9	9	8	8	8	8	8	8	8	8
18	8	8	8	8	8	9	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	8
19	9	9	9	9	10	15	20	14	8	5	5	5	6	7	7	7	7	7	7	7	7	7	7	7	9
20	9	7	8	8	10	16	20	15	8	8	8	8	8	8	9	10	10	9	9	9	9	8	8	8	10
21	8	8	8	8	8	8	10	10	9	9	9	9	9	9	11	11	10	9	9	9	9	10	9	9	9
22	8	8	9	9	11	15	13	10	10	10	10	10	10	10	11	11	12	11	10	11	10	10	10	10	10
23	9	9	9	9	9	9	12	13	11	10	10	10	10	11	11	13	15	14	13	16	12	11	10	9	11
24	8	8	8	8	8	9	9	10	10	9	9	10	10	10	9	9	10	10	11	13	16	15	14	13	10
25	11	9	8	8	7	7	8	8	8	8	8	8	8	8	9	9	9	9	10	12	14	13	7	8	9
26	8	7	7	7	7	7	9	12	13	11	9	9	9	9	10	9	9	11	9	9	9	8	8	8	9
27	9	8	9	9	9	9	10	10	10	9	9	8	8	8	8	8	9	8	8	8	7	7	7	7	8
28	8	8	7	8	8	8	9	10	10	8	8	8	8	8	8	8	8	10	8	8	8	8	8	8	8
29	7	7	7	7	7	7	8	10	11	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	8
30	7	7	7	7	7	7	8	10	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7
31	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	7
MEAN	8	8	8	8	8	9	11	11	10	9	8	8	8	8	9	9	9	9	9	9	9	9	9	9	8

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	8	8	8	6	7	7	7	7	8	8	8	8	9	9	9	12	15	14	8	11	13	9
2	12	8	8	8	8	8	9	14	13	10	9	9	9	9	9	9	11	11	10	9	8	8	8	8	9
3	8	8	7	7	7	7	7	10	9	8	7	7	7	7	7	7	9	11	9	9	9	7	6	6	8
4	6	6	6	6	6	6	7	10	10	10	9	8	8	8	7	7	9	8	7	7	7	8	9	8	8
5	7	7	7	7	7	8	8	9	8	7	7	7	7	7	7	7	8	7	8	8	8	9	9	8	8
6	7	7	7	7	7	7	8	9	9	8	7	6	6	6	6	6	7	7	7	7	7	6	6	6	7
7	6	6	6	6	6	6	6	7	7	6	5	5	5	5	5	5	6	6	6	6	7	7	7	8	6
8	9	9	9	8	8	7	7	7	7	6	5	5	5	5	5	5	6	6	6	6	6	6	6	10	7
9	11	9	8	8	8	9	9	10	10	8	8	7	7	7	9	8	10	9	7	7	6	7	7	7	8
10	7	6	6	6	6	6	8	10	13	9	7	7	7	7	7	9	10	10	9	9	8	8	8	9	8
11	10	10	10	10	10	11	11	14	16	14	14	13	10	9	9	9	11	10	13	12	12	12	11	10	11
12	10	9	8	8	8	8	9	10	10	9	8	8	8	8	8	9	9	8	7	7	7	7	7	7	8
13	7	7	7	7	7	7	8	9	9	8	8	8	8	8	8	8	8	9	8	7	6	5	5	5	7
14	5	5	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	8	8	7	7	7	8	8	10	10	8	8	8	7	7	7	8	9	9	9	8	8	8	8	8	8

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	6	6	8	8	7	7	7	7	7	7	7	9	8	8	7	7	7	7	6	7
2	5	5	5	5	5	5	6	7	7	6	5	4	4	3	3	3	4	5	5	7	7	7	7	6	5
3	6	6	6	6	6	6	7	10	11	10	8	7	8	6	5	7	8	8	7	7	7	7	7	7	7
4	7	6	6	6	6	7	6	7	8	7	6	7	7	7	6	6	7	7	7	7	8	8	8	8	7
5	8	8	8	7	7	7	7	8	9	8	7	8	8	8	8	8	8	8	7	7	6	6	6	6	7
6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7	7	7	8	8	8	8	9	12	11	8	5	5	5	5	6	6	8	9	10	10	12	12	11	10	8
8	10	7	6	6	7	9	12	11	11	10	8	8	8	9	8	8	14	14	10	8	8	9	9	9	9
9	8	7	7	7	7	7	7	9	9	8	8	8	8	8	7	8	9	8	8	8	7	7	7	7	8
10	7	7	6	6	7	6	7	9	9	8	7	7	7	7	7	9	10	9	9	9	8	8	8	8	8
11	8	7	7	7	7	7	8	10	11	9	8	8	9	8	8	9	10	10	8	8	7	7	7	7	8
12	7	6	6	6	6	6	6	7	7	7	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7
13	7	7	7	7	7	6	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	7
14	7	7	7	7	7	7	11	14	11	8	7	7	7	7	8	8	7	13	12	10	9	8	8	8	9
15	8	8	8	7	7	7	8	13	17	15	14	10	8	8	9	11	12	12	11	9	8	8	7	7	10
16	7	7	6	6	6	6	7	9	9	7	7	7	8	8	8	8	8	8	8	8	8	8	8	7	7
17	7	7	7	7	7	7	8	9	9	11	11	10	9	9	9	9	10	9	9	9	9	9	8	8	9
18	6	6	6	6	6	7	9	9	11	8	8	7	8	8	10	11	8	8	8	8	8	8	8	8	8
19	7	7	7	7	7	7	8	8	8	9	9	8	8	8	7	8	8	7	7	7	7	7	7	7	8
20	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	6	6	6	6	5	5	6	9	9	7	7	7	6	6	6	7	8	8	7	7	7	7	6	6	7
22	6	6	6	5	5	5	6	8	8	7	7	7	7	7	7	6	8	8	7	6	6	6	6	6	7
23	6	6	6	6	5	5	6	7	9	9	9	9	9	9	9	8	9	9	7	7	7	9	8	8	8
24	8	7	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	9	8	8	7	7	7	7
25	9	9	8	7	7	7	7	7	8	8	8	8	6	6	6	7	7	7	7	7	7	7	7	7	7
26	7	8	8	8	7	6	6	6	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6
27	6	6	6	6	6	6	7	11	9	7	6	6	5	5	6	7	8	10	11	13	10	10	9	9	8
28	9	7	7	6	6	7	9	13	15	11	9	8	6	6	6	6	9	11	9	8	8	8	6	6	8
29	5	5	5	5	5	5	7	11	12	9	7	6	6	6	6	6	9	11	12	12	11	11	9	9	8
30																									
31	7	6	6	6	6	7	10	12	11	10	12	11	11	9	9	8	9	10	8	7	7	7	6	6	8
MEAN	7	7	7	6	6	6	7	9	9	8	8	7	7	7	7	7	8	9	8	8	8	8	7	7	8

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	6	9	26
FEB	28	6	8	15
MAR	31	4	8	15
APR	30	5	7	11
MAY	27	5	8	13
JUN	30	5	7	14
JUL	14	5	10	14
AUG	19	8	10	14
SEP	25	10	15	20
OCT	31	9	14	25
NOV	14	8	11	16
DEC	31	8	10	17
YEAR	306	6	15	26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	0	64	465	65	2	0	596
FEB	1	63	554	52	0	0	670
MAR	36	364	321	22	0	0	743
APR	39	98	549	30	0	0	716
MAY	41	112	437	36	0	0	626
JUN	85	144	367	98	0	0	694
JUL	74	59	80	93	0	0	306
AUG	0	0	221	220	0	0	441
SEP	34	9	125	373	36	0	577
OCT	0	0	409	311	18	0	738
NOV	0	0	218	97	1	0	316
DEC	0	3	589	151	1	0	744
YEAR	310	916	4335	1548	58	0	7167

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
81	0	2.1	4.1	5.7	7.3	9.9	11.5	13.2	14.6	26	6

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	0	1	0	1	0	1
2	1	1	0	0	0	0	0	0	0	0	1	2	1	2	2	2	3	4	4	3	3	3	4	3	2
3	4	4	1	1	0	0	1	2	2	2	2	2	2	2	2	2	2	3	4	5	6	4	3	2	2
4	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2
5	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	3	4	7	8	2
6	8	8	8	7	5	4	5	6	9	***	7	4	3	2	1	1	2	4	7	7	8	6	4	4	5
7	3	3	2	2	1	1	2	3	4	1	1	1	1	2	2	1	2	4	3	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	1	1	2	2	1	1	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	0	0	0	0	0
10	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	4	4	5	5	5	4	4	2
12	3	2	2	2	2	2	3	3	4	4	3	4	4	3	3	2	3	5	4	3	1	0	0	2	3
13	2	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	1	2	4	3	2	2	3	3	1
14	2	4	3	3	3	4	4	5	6	2	2	5	2	1	2	3	3	6	8	1	1	1	1	1	3
15	1	2	2	1	1	1	4	4	3	3	3	2	3	2	3	2	3	3	2	1	1	0	0	1	1
16	1	0	0	0	0	0	0	1	2	2	2	2	2	3	1	1	1	1	1	1	1	0	0	1	1
17	1	1	1	1	1	1	2	2	2	2	3	4	1	1	1	2	0	0	1	1	3	2	5	5	1
18	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	2	3	6	2	1	1	2	1	1	3
19	3	3	2	2	0	0	3	2	4	2	5	3	2	1	1	2	1	2	1	1	0	2	1	1	1
20	1	1	0	0	0	0	0	2	4	2	1	2	2	1	1	1	1	2	1	1	0	2	1	1	1
21	3	2	1	1	1	2	2	3	2	2	1	0	0	0	1	0	0	2	1	1	1	0	0	1	1
22	2	1	1	1	2	1	2	6	16	8	3	3	2	2	1	1	1	1	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	5	1	1	4	6	4	3	1
24	3	2	1	1	1	1	1	2	2	2	3	1	0	0	0	2	2	3	2	2	3	2	3	2	2
25	3	3	3	2	2	3	3	3	3	3	4	4	4	3	3	3	2	2	2	2	2	2	2	2	3
26	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	4	4	4	4	3	3	2	3
27	2	2	1	1	1	1	2	3	4	4	3	1	1	1	1	1	1	1	1	2	1	1	1	1	2
28	1	1	1	1	1	1	2	3	3	1	2	2	2	2	2	2	3	3	2	3	2	1	1	1	2
29	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	1	1	1	1	1	1
30	2	1	1	0	0	0	1	3	6	3	2	1	1	0	1	1	1	1	2	2	2	2	2	2	2
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
MEAN	2	2	1	1	1	1	1	2	3	2	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	1	1	1	0	2
2	0	0	0	0	0	0	0	0	0	***	2	3	4	5	1	1	2	3	3	2	2	1	1	1	1
3	1	2	2	2	3	2	3	3	3	4	2	1	0	1	1	1	5	2	3	1	1	1	1	2	2
4	4	4	4	3	3	4	4	6	13	13	4	3	2	2	1	1	1	1	1	1	1	1	1	1	3
5	2	2	2	1	1	1	2	3	3	1	1	1	0	***	0	1	1	1	2	3	3	3	4	6	2
6	7	5	5	4	4	4	5	7	7	1	2	3	2	2	1	1	1	1	1	2	2	2	2	1	3
7	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
8	0	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	3	2	2	3	2	2	2	2
9	2	2	2	2	1	1	1	2	3	2	2	2	2	4	2	1	4	5	5	7	9	9	9	4	4
10	10	8	4	1	1	1	2	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	1	2
11	2	2	2	2	2	2	2	2	2	***	1	1	1	1	1	1	1	2	1	1	1	1	0	1	1
12	1	1	1	1	1	2	2	2	2	1	1	1	1	1	0	0	0	2	3	1	1	1	1	1	1
13	1	1	1	1	2	2	2	3	4	***	2	2	1	1	1	0	0	1	1	1	1	0	0	0	1
14	1	1	1	1	1	1	1	4	7	4	4	3	1	1	1	1	1	1	1	2	2	2	2	3	2
15	4	4	3	2	2	2	2	3	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	1	***	***	1	1	1	1	1	1	2	2	2	3	3	2	1
17	2	2	2	1	1	1	2	4	5	2	1	0	0	0	1	1	2	3	3	4	4	3	3	3	2
18	3	3	2	2	3	3	3	3	3	1	1	1	0	1	1	1	2	4	4	4	4	4	4	4	3
19	4	4	5	4	4	4	4	4	4	3	1	1	1	1	1	1	1	2	2	1	1	0	0	0	2
20	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
21	1	1	1	1	2	2	2	3	2	2	2	1	1	1	0	0	0	0	1	1	1	1	2	2	0
22	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
23	0	0	1	1	1	1	2	2	2	1	1	1	1	1	0	2	2	3	4	4	4	4	4	4	2
24	4	4	4	4	4	4	4	5	4	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	3
25	2	2	2	2	2	2	2	2	1	1	2	3	2	2	2	2	3	3	2	2	2	3	2	2	2
26	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	2	2	2	3	4	3	2	2	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	4	3	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	2	2	3	4	4	3	3	2	2	2	2	2	3	3	3	3	2	2	2	1	2
2	2	1	1	1	1	0	1	2	2	1	1	1	1	2	2	1	2	3	1	2	2	1	1	1	1
3	1	1	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	2	3	3	0	0	0	0	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	2	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	2	1	2	0	0	0	0	1
6	4	3	3	1	1	1	2	3	3	3	2	1	0	0	0	0	1	1	1	1	0	0	1	2	1
7	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	2	2	2	2	5	1
8	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	3	2	1	1	0	1	1	1
9	3	3	2	2	2	1	1	1	1	1	1	0	0	0	0	1	1	1	1	2	3	3	3	3	1
10	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	2	2	3	3	3	3	1
11	3	3	3	3	3	3	3	4	3	1	1	1	0	0	0	1	1	1	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	2	1	1	1	2	2	2	3	2
13	3	2	2	2	2	2	3	5	3	2	1	1	2	2	1	2	2	2	2	1	1	2	1	2	2
14	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1
16	1	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	1	2	2	3	3	3	3	3	2
17	2	3	2	2	2	2	2	3	1	1	1	1	0	0	0	0	1	1	1	1	2	2	2	3	2
18	1	1	1	1	1	1	1	4	2	1	2	3	2	1	1	2	3	4	3	3	2	2	3	3	2
19	2	2	3	2	2	2	2	4	2	1	2	3	2	2	2	2	3	3	1	0	0	1	3	5	2
20	5	5	3	3	3	3	3	5	5	3	4	3	4	4	4	5	5	5	3	3	3	3	2	2	4
21	2	2	2	1	1	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	2	2	2	1
22	3	3	3	3	3	2	3	3	3	3	1	1	2	1	2	2	2	1	1	2	2	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2	3	2	2	1	3	3	3	3	1
25	2	2	2	3	3	3	4	2	2	1	1	1	1	1	1	1	1	1	2	3	4	4	3	3	2
26	2	2	2	3	3	4	5	4	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
27	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	2	2	2	2	2	2	3	3	2	1	1	1	1	2	2	2	2	2	2	3	4	5	5	2	2
30	4	3	3	2	2	2	2	3	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2
31	3	4	4	3	2	1	2	4	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	3	4	4	3	1	1	0	0	0	1	1	1	2	2	2	2	3	2	2
2	2	1	1	1	2	2	2	2	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	2	2	2	1
4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2
5	2	2	2	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2
6	2	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0	0
7	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1
9	0	1	1	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
10	1	2	3	3	3	3	3	3	2	0	0	1	0	0	0	0	0	1	1	2	2	2	3	3	2
11	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	1	1	1	2	1	2	2	2	1
12	3	3	3	2	2	2	2	2	2	2	1	0	1	1	1	1	1	0	1	1	2	1	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
15	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
16	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
17	2	2	2	2	2	2	2	3	3	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2
18	3	3	3	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	1	1	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	0	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	1	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	2	2	3	3	3	3	3	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	3	3	3	3	3	3	4	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	1	1	1	1	1	2	2	2	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
26	1	2	3	2	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	3	0	3	2	2	2	2	1	1	2	2	2	2	2	2	1	1	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	2	2
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 97

UNITS - PARTS PER MILLION

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	••••	1	2	2	2	1	2	2	2	2	2	2	2	2	1	1	1	2
2	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1
5	2	1	1	1	1	1	2	2	2	3	2	2	3	2	2	2	3	3	2	2	3	3	3	3	2
6	3	3	3	3	3	3	3	2	1	1	0	0	0	0	0	1	1	1	1	1	1	3	2	1	2
7	1	1	1	1	1	0	1	0	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	2	2	3	3	2	1	2	2	1	2	3	2	3	2	1	5	3	2	2
9	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1
12	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
14	1	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
15	1	1	1	0	0	1	2	1	1	1	2	2	1	2	2	2	3	2	2	2	1	1	1	1	1
16	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	2	2	1	0	-	-	-	-	••••	••••	••••	••••	••••	••••	••••	••••	••••	••••
20												-	-	-	-	DATA MISSING	-	-	-	-	-	-	-	-	-
21	••••	••••	••••	••••	••••	••••	••••	••••	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0
23	2	2	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	1	0	0	1
24	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
25	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	4	1	1
29	4	2	1	1	1	1	2	2	3	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 94

UNITS - PARTS PER MILLION

MONTH JUN 70

[illegible]

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	5	3	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2
2	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0
3	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
7	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	0	1	2	2	2	1	1
8	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	2	3	2	2	2	3	4	3	2	2
9	1	1	1	1	1	1	1	1	2	****	2	1	2	2	2	2	2	2	2	3	3	3	2	2	2
10	2	1	1	1	1	2	3	2	2	****	2	1	2	2	2	2	2	2	2	3	3	3	2	2	2
11	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
12	1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	2	3
13	1	1	1	0	0	1	2	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
17	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	2	1	2	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	2	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0
21	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	0
23	0	0	0	0	0	1	4	4	2	0	0	1	2	2	2	2	1	0	0	0	1	3	6	8	2
24	0	2	1	0	0	1	2	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0
26	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	1
27	0	0	0	0	0	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
28	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1	2	1	3	3	3	1
29	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0
30	2	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	1	1	0	0	0
31	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MEAN	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	3	3	2	2	1	1	3	2	1	1	1	1	1	1	1	1	1	1	2
7	2	2	2	2	2	2	4	2	2	2	1	1	1	2	2	2	2	2	2	3	4	4	3	4	2
8	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	3	0	2	0	0
9	2	4	2	3	1	1	3	2	2	1	1	1	1	1	1	1	1	2	1	3	0	2	0	0	0
10	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	****	****	****	****	****	****	0
11	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	****
12	2	2	2	3	3	3	4	2	2	1	0	0	0	0	0	0	0	2	3	3	4	6	6	5	2
13	5	5	5	5	5	6	7	4	2	2	0	0	0	0	0	0	0	0	1	1	1	2	3	3	2
14	4	4	4	5	5	5	5	3	3	3	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
15	2	2	2	2	2	2	3	3	2	2	1	1	1	2	2	2	2	2	2	2	3	4	5	5	2
16	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	4	5	5	2
17	6	6	6	7	7	7	8	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	4	1	6	6	4	3	2	1	3	2	2	0	0	0	0	0	2
19	0	0	0	0	0	0	0	0	3	3	2	4	4	3	3	1	2	2	1	1	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	1	1	1	1	2	2	2	0	1	1	1	1	1	1	3	6	8	7	3	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	3	4	4	5	1	1
23	4	4	4	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	2	2	1
24	3	3	3	3	3	3	6	4	3	4	0	3	2	0	0	0	0	0	0	0	1	1	1	1	1
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	1
26	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	1	1	1	0	1	0	0	3
27	4	5	5	5	6	6	8	7	3	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	1
28	0	0	0	0	0	0	0	0	2	2	1	2	1	0	0	0	0	0	0	0	1	2	4	4	1
29	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	5	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	2	2	2	2	2	2	4	4	3	2	2	2	2	2	2	1	1	0	0	0	0	0	1	2	2
MEAN	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	2	2	2	1	2	2	2	1	1	2	1	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2	2	2	2	2	3	3	4	4	1
3	4	4	4	4	4	5	6	6	5	4	3	3	2	2	3	5	5	5	5	5	5	5	5	4	4
4	4	3	3	3	3	3	3	2	2	2	3	3	3	4	4	4	4	4	4	4	5	5	5	6	4
5	6	6	6	6	6	6	6	6	6	5	5	4	4	4	4	4	4	3	3	2	2	2	3	3	4
6	3	4	4	5	5	5	6	6	6	5	4	3	2	2	2	1	1	1	0	0	3	5	6	0	3
7	4	4	4	4	5	6	6	6	6	5	4	3	3	3	3	4	4	4	4	4	5	4	3	3	3
8	0	0	0	0	0	1	2	2	2	5	4	3	3	3	3	4	5	5	4	5	5	5	5	5	4
9	2	2	2	2	3	3	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4
10	5	5	5	5	5	6	6	6	5	4	2	1	2	4	4	5	4	5	5	5	5	4	3	4	4
11	4	4	4	4	4	4	4	4	3	4	4	5	5	5	5	6	6	5	5	5	5	5	5	5	5
12	6	6	6	6	7	8	10	8	6	6	6	5	5	5	5	5	6	6	6	7	7	6	7	7	6
13	8	9	10	10	10	11	10	8	7	7	7	7	6	6	6	7	7	7	7	7	6	6	6	7	8
14	6	6	6	7	7	8	9	8	8	7	6	6	6	6	6	5	6	7	7	7	7	8	8	7	7
15	7	6	6	6	7	7	8	9	8	8	8	8	8	8	9	9	9	9	8	7	7	7	7	7	8
16	6	6	6	6	6	7	8	8	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	7
17	7	6	6	6	6	7	7	7	6	6	6	6	5	6	6	7	7	6	6	6	6	5	4	3	6
18	3	3	3	2	2	3	5	5	4	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3
19	3	3	3	3	3	3	3	4	4	4	4	3	3	4	5	5	5	5	5	5	5	5	4	4	4
20	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	6	6	6	6	6	5	5	5	5
21	5	5	5	5	5	5	6	8	7	6	5	5	5	5	5	4	4	4	5	8	8	7	6	4	6
22	4	4	4	4	4	4	4	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2	2	3
23	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	5	5	6	4	3	3
24	3	3	3	3	3	3	4	2	1	2	2	9	3	3	6	7	8	5	5	5	3	2	2	2	4
25	2	2	2	2	2	2	3	2	2	1	1	1	1	2	2	1	1	2	3	2	2	2	2	2	4
26	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	2	1	1	1	2	2	1	2	1
29	2	2	2	3	3	5	7	6	5	4	3	3	3	3	4	4	4	3	4	4	4	1	1	1	4
30	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1
MEAN	3	3	3	4	4	4	5	5	5	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	1	1	1	1	1	30	27	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	3
2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	1	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1	2	2	1	0	1
6	0	0	0	0	0	2	3	3	2	1	1	0	0	1	2	2	2	2	2	2	2	3	2	1	1
7	0	0	0	0	0	1	2	1	1	1	1	0	0	4	4	5	5	4	6	7	5	4	4	4	3
8	4	3	2	2	2	2	4	4	3	3	3	3	3	3	3	4	4	4	3	3	3	2	2	3	3
9	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
10																									
11	2	1	1	1	2	2	6	6	4	3	1	2	2	2	3	3	2	3	3	3	3	3	2	3	3
12	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	1	2	2	1	1	2
13	2	3	2	2	2	2	5	4	3	2	2	2	2	2	2	3	4	3	4	4	3	2	2	3	3
14	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2	2	3	2	2	2	1	2	1	1	2
15	2	2	2	2	2	2	2	3	2	2	1	1	1	1	2	1	1	1	2	2	1	2	1	1	2
16	1	1	2	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	5	8	6	6	2
17	6	7	3	2	1	2	3	2	3	2	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0
18	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
19	0	0	0	0	1	1	4	6	6	2	1	1	0	0	0	1	1	1	2	2	1	2	2	2	2
20	2	1	1	0	1	3	4	3	2	2	1	1	1	1	1	2	3	3	3	2	3	2	2	2	2
21	1	1	1	1	1	2	3	4	3	3	3	2	2	2	2	2	3	2	2	1	1	0	0	0	2
22	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	3	2	1	1	1	1	3	3	3	4	3	2	2	2	1	2	2	2	1	1	0	1	1	1	2
25	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	2	1	1
26	1	1	1	1	1	1	3	6	4	4	2	1	2	3	3	3	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	4	4	3	2	2	3	3	1	1	2
28	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2
29	12	12	12	12	12	12	12	13	12	0	0	0	0	0	0	0	10	10	7	7	6	5	4	5	10
30	5	5	5	4	4	5	4	4	7	7	6	7	7	7	7	7	7	7	5	5	4	3	3	3	5
31	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	7	7	6	5	4	4	4	0
MEAN	2	2	2	1	2	2	3	4	4	2	2	2	2	2	2	2	3	2	2	2	2	3	2	2	2

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	6	7	8	8	9	10	12	11	9	8	7	7	8	7	6	7	7	8	10	9	9	9	8
2	0	0	0	0	0	0	1	2	2	1	1	1	2	2	2	2	1	2	2	2	1	1	2	2	1
3	2	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	2	2	1	1	1	2	1	2
4	1	1	0	0	0	0	1	2	0	1	1	1	1	1	1	1	4	6	4	3	2	2	1	1	1
5	0	0	1	1	1	1	1	2	1	0	0	0	0	0	1	3	4	1	1	1	1	1	1	0	1
6	1	1	0	0	0	0	1	2	3	2	2	1	1	1	1	1	1	1	2	1	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	*****	*****	*****	*****	*****	1	1	0
8													- DATA MISSING -												
9													- DATA MISSING -												
10													- DATA MISSING -												
11													- DATA MISSING -												
12													- DATA MISSING -												
13													- DATA MISSING -												
14													- DATA MISSING -												
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23													- DATA MISSING -												
24													- DATA MISSING -												
25	7	5	3	2	2	2	3	4	5	5	5	6	5	4	5	4	4	4	4	2	2	6	6	7	****
26	4	3	3	3	3	3	3	4	5	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	****
27	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	3
2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
4	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2
5	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	2	2	2	2	1	1	1	1	1	2	2	1	2	2	2	2	3	4	3	2	2	2	2	2	2
7	2	2	2	2	1	1	1	1	1	2	2	1	2	2	2	2	3	4	4	3	2	2	2	2	2
8	2	2	2	2	2	2	2	2	3	4	5	5	5	6	6	1	1	2	2	1	1	1	1	1	1
9	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	2	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
11	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	5	3	2	2	2	1
14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	2
15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2
18	2	2	2	2	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20																									
21	0	0	0	0	0	0	0	1	2	5	4	3	3	2	2	3	3	8	8	6	5	5	5	5	3
22	4	3	2	2	2	2	2	3	6	4	3	3	3	4	4	3	3	3	3	2	2	2	2	2	1
23	0	1	1	0	0	0	1	2	2	2	2	1	2	2	2	2	2	2	2	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	1
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	6	9	8	6	5	4	2	3
26	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1
27	2	3	3	2	1	1	1	1	1	1	1	0	0	0	1	1	1	2	2	2	2	2	1	1	1
28	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	5	3	1	0	1	1	1	1	1
29	1	1	1	1	1	0	0	0	2	2	0	0	0	1	1	2	5	8	8	7	3	2	5	2	2
30																									
31	5	4	3	2	2	1	2	4	6	7	6	7	6	6	5	4	4	3	5	5	4	4	3	3	4
MEAN	2	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	2	3	3	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - CARBON MONOXIDE

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	5	16
FEB	28	2	4	13
MAR	31	1	4	5
APR	30	1	2	4
MAY	30	1	2	5
JUN	17	2	3	7
JUL	31	1	2	8
AUG	31	1	3	8
SEP	30	4	8	21
OCT	31	2	10	30
NOV	15	2	8	12
DEC	31	2	4	9
YEAR	336	2	10	30

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - CARBON MONOXIDE

UNIT - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 01	02 TO 03	04 TO 08	09 TO 15	16 TO 40	41 & OVER	TOTAL
JAN	387	271	81	1	1	0	741
FEB	355	231	73	7	0	0	666
MAR	421	283	37	0	0	0	741
APR	427	267	9	0	0	0	703
MAY	570	129	3	0	0	0	702
JUN	199	157	18	0	0	0	374
JUL	662	74	7	0	0	0	743
AUG	440	206	70	0	0	0	716
SEP	141	178	385	14	2	0	720
OCT	319	286	90	13	2	0	710
NOV	116	135	54	9	0	0	314
DEC	422	228	74	1	0	0	725
YEAR	4459	2445	901	45	5	0	7855

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	0	0.2	0.5	0.9	1.6	3.4	4.8	6.4	7.5	30	2

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	****	****	****	****	****	****	****	****
9	16	16	16	16	16	18	20	18	20	26	36	28	28	24	24	26	22	21	21	22	22	24	22	20	22
10	20	20	16	16	16	16	16	16	16	16	18	20	18	18	19	18	18	19	19	19	18	18	16	16	18
11	17	17	17	16	18	16	16	16	16	16	16	12	12	12	12	12	12	12	13	12	12	12	14	13	14
12	16	16	16	16	16	14	14	16	20	20	16	16	12	14	14	****	22	20	20	22	21	21	20	22	18
13	20	20	22	48	34	32	25	28	36	34	32	25	20	20	20	24	28	24	24	24	22	24	24	24	26
14	24	24	24	26	25	25	28	32	38	32	28	27	28	28	36	****	60	56	48	31	24	22	20	21	22
15	22	20	20	20	20	20	20	20	20	20	21	21	24	20	20	26	34	24	21	24	21	22	20	21	22
16	20	24	26	22	24	28	24	24	28	28	22	20	20	20	20	26	28	28	28	28	26	26	26	28	25
17	28	26	25	24	22	20	22	32	28	22	22	30	29	25	24	30	20	22	19	16	16	16	16	16	23
18	16	16	13	14	14	14	14	14	14	18	20	27	30	32	32	30	24	21	20	20	20	20	20	20	20
19	22	22	20	22	22	22	30	36	44	28	24	24	26	20	24	20	20	20	19	19	16	16	16	18	23
20	16	16	16	18	17	20	24	26	26	24	20	24	24	20	20	24	24	24	21	18	16	16	17	18	20
21	16	18	16	16	16	16	18	21	24	30	34	36	30	32	30	30	30	24	24	24	26	20	20	22	24
22	20	20	28	26	20	22	22	28	28	26	30	30	27	26	26	22	24	18	14	13	12	12	14	14	22
23	12	14	12	12	14	17	18	22	26	30	33	36	52	52	56	****	****	60	49	48	48	48	38	36	33
24	54	47	48	47	38	25	20	20	19	17	16	15	15	13	13	13	14	13	14	13	14	13	14	13	22
25	16	17	17	15	14	13	13	14	14	15	16	16	17	17	16	16	18	17	18	17	21	18	19	20	16
26	20	18	18	17	18	17	20	21	24	32	36	46	44	32	32	35	40	34	30	28	28	21	18	17	27
27	18	18	17	14	13	13	13	15	21	21	26	24	25	22	23	23	28	22	22	21	19	19	19	18	20
28	14	13	13	13	13	13	14	14	14	13	12	19	19	21	21	****	22	19	19	20	21	20	26	23	17
29	20	21	19	21	20	21	22	24	28	27	25	24	26	25	24	24	32	22	20	21	19	19	17	17	22
30	17	18	18	17	17	17	17	20	25	28	31	33	33	30	29	****	28	23	19	18	19	17	17	16	22
31	18	15	16	16	13	12	12	13	14	16	19	20	21	24	23	21	19	17	17	17	16	15	18	16	17
MEAN	20	20	20	21	19	19	19	21	24	23	23	25	25	23	24	23	25	24	22	22	21	20	20	19	22

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	16	21	19	12	12	12	14	14	17	20	22	26	28	28	26	24	21	19	17	16	16	14	16	19
2	16	14	14	14	16	16	15	18	40	32	40	34	28	25	20	22	22	21	17	17	16	14	14	14	21
3	12	12	12	12	12	12	14	16	18	17	17	18	18	18	19	20	24	21	18	17	16	16	16	17	16
4	16	16	16	16	20	20	17	18	20	18	20	21	21	20	18	16	18	16	14	14	12	12	14	14	17
5	14	15	13	13	13	14	16	17	17	17	16	20	20	20	21	20	22	21	24	31	38	35	28	28	21
6	28	24	20	20	20	21	19	20	25	21	20	20	21	21	20	20	23	22	21	25	24	24	22	23	18
7	16	16	16	16	16	16	17	17	18	17	18	16	16	14	14	16	16	16	18	24	25	24	22	23	18
8	22	24	27	25	33	36	37	36	32	33	32	28	25	28	28	28	28	26	27	32	27	25	24	24	29
9	20	20	20	20	20	20	20	21	24	24	24	26	25	25	27	29	28	28	25	25	24	24	29	26	24
10	24	25	23	24	20	20	21	24	31	25	22	21	24	24	24	26	28	26	24	22	20	18	20	20	23
11	19	17	14	16	16	16	16	16	20	20	20	20	21	20	20	20	22	19	19	16	16	16	16	16	18
12	16	16	13	12	12	12	14	18	28	20	17	16	19	17	16	18	20	17	16	17	16	19	16	13	17
13	14	13	13	14	14	15	15	18	20	28	29	28	32	28	28	27	32	24	21	20	20	21	20	20	21
14	19	20	16	19	20	21	24	24	26	21	20	24	26	28	29	24	24	22	20	20	20	20	16	17	22
15	18	18	18	18	18	18	19	20	20	24	26	24	26	28	32	29	28	24	24	24	24	24	24	24	23
16	24	20	20	20	20	20	22	24	28	30	31	36	38	39	20	12	12	8	8	6	6	****	****	****	21
17	****	****	****	****	****	6	8	10	12	22	16	22	26	24	22	****	22	28	20	18	20	24	18	14	18
18	14	12	10	12	10	10	16	14	18	14	16	18	24	22	16	16	28	30	30	22	22	18	18	18	18
19	14	15	14	16	14	15	18	17	22	24	29	30	26	25	24	20	20	22	22	20	18	20	20	19	20
20	19	18	19	19	18	19	20	22	26	26	28	30	32	32	****	17	20	16	14	14	14	14	14	12	20
21	12	12	14	10	12	13	10	14	17	15	16	18	16	16	14	14	15	18	16	15	17	20	18	14	15
22	16	22	18	14	20	12	16	16	20	21	26	28	20	21	20	22	24	22	22	22	20	20	20	20	20
23	21	22	23	22	23	22	26	26	32	34	36	38	37	40	38	26	28	28	29	29	25	24	28	26	28
24	26	36	32	30	25	24	26	34	33	38	****	22	20	18	18	18	20	18	18	14	14	14	14	16	23
25	16	16	15	14	12	12	13	16	17	20	****	14	****	12	12	12	14	13	12	12	13	13	12	12	14
26	12	14	16	12	14	14	12	15	13	13	14	14	12	13	14	****	12	13	14	13	15	15	12	12	13
27	12	12	12	12	14	15	16	19	20	20	24	24	24	24	****	22	25	24	22	20	20	20	20	20	19
28	20	20	20	22	22	23	26	****	34	37	38	34	28	26	28	29	28	29	26	26	26	26	26	26	27
MEAN	18	18	17	17	17	17	18	19	23	23	24	24	24	23	22	21	23	21	20	20	20	19	19	18	20

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH MAR 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	23	22	20	20	20	20	21	22	23	24	25	26	27	26	26	25	26	24	19	12	12	12	22
2	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	10	10	11	12	12	12	12	12	12
3	12	12	12	12	12	12	12	12	12	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13	23	24	23	20	19	20	20	23	26	22	23	26	25	22	20	20	22	21	22	22	23	20	19	20	22
14	21	19	18	17	17	17	18	20	23	24	22	22	22	22	22	20	21	21	21	20	20	20	21	22	20
15	20	19	19	19	20	19	19	19	20	23	27	25	24	26	25	25	26	26	25	26	27	27	24	23	23
16	23	22	22	22	22	23	26	28	30	30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17																									
18																									
19																									
20	28	27	26	26	26	25	26	28	34	32	29	29	29	29	28	29	30	29	28	29	30	27	30	28	28
21	27	27	27	27	27	28	28	32	36	35	37	50	53	36	35	35	35	38	35	34	34	34	34	32	33
22	37	36	35	34	34	35	35	36	31	31	32	32	32	34	34	39	37	36	35	35	34	34	33	32	34
23	31	31	30	30	29	30	31	32	35	33	33	33	34	33	34	34	****	20	17	21	18	17	16	16	28
24	16	16	16	16	17	20	19	24	28	24	30	****	****	****	****	****	****	****	****	****	****	****	****	****	****
25																									
26																									
27	20	20	18	16	14	12	12	16	18	14	16	18	19	24	26	24	24	24	20	17	16	16	13	14	18
28	14	14	14	12	8	9	6	12	14	16	19	21	28	28	24	22	20	18	18	16	16	14	16	20	17
29	18	16	16	14	12	9	8	8	8	14	16	16	16	14	12	12	14	12	12	12	12	13	13	13	13
30	8	8	8	8	8	8	8	8	10	10	12	12	13	13	12	12	14	14	12	12	12	9	13	15	11
31	16	18	17	20	26	27	36	38	28	21	20	20	25	22	21	17	16	14	13	14	12	14	13	16	20
MEAN	21	20	20	19	19	19	20	22	23	22	23	24	26	24	24	23	23	22	21	21	21	20	20	21	21

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	17	16	14	13	15	16	14	15	11	13	14	12	****	18	15	16	15	13	12	12	12	14
2	11	11	12	12	11	11	12	14	17	18	15	15	15	14	13	16	15	13	12	13	12	12	12	13	
3	12	12	12	12	13	16	18	23	22	20	22	26	23	20	18	17	18	17	18	16	16	18	17	17	18
4	16	16	22	15	13	12	14	14	15	17	18	18	17	17	15	14	14	15	14	15	15	16	15	16	
5	17	17	16	15	16	20	20	22	19	20	19	17	17	14	13	13	12	12	12	12	12	12	11	12	15
6	14	13	13	12	12	15	14	15	18	16	16	15	16	17	17	****	24	22	20	19	17	16	14	16	16
7	16	16	16	14	14	15	15	16	18	24	26	32	30	24	20	20	24	17	17	18	18	16	17	19	19
8	24	20	20	18	16	22	22	20	22	20	28	30	28	30	28	30	30	30	32	28	28	24	22	20	25
9	18	14	14	14	15	17	19	24	22	22	24	25	24	24	22	18	20	22	21	22	14	16	17	18	19
10	17	16	14	14	14	14	15	16	18	26	48	24	18	20	16	19	20	18	16	18	17	17	17	18	19
11	19	18	18	17	16	16	18	19	****	****	****	****	22	16	17	16	16	15	20	18	16	18	18	21	18
12	18	17	18	16	16	15	15	16	16	17	18	18	18	17	17	18	18	20	18	18	18	20	17	17	17
13	14	14	14	14	14	14	14	16	18	16	18	18	18	16	18	19	19	17	18	18	22	20	17	17	17
14	15	15	18	17	18	18	18	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	12	14	20	14	16	13	14	20	22	****
16	28	30	18	15	18	22	18	16	28	18	19	24	22	22	22	26	20	16	19	28	24	20	21	21	21
17	30	48	54	60	52	28	40	52	44	36	34	30	30	30	28	24	28	26	24	25	26	25	30	33	35
18	35	24	24	22	20	20	20	20	22	24	27	30	28	28	30	27	28	26	24	24	24	24	24	24	25
19	20	20	20	18	18	20	20	20	24	24	20	20	20	20	19	19	20	20	20	19	18	18	16	16	20
20	14	14	14	14	15	16	17	17	21	20	26	21	21	21	****	12	12	12	12	16	16	12	14	18	16
21	14	8	8	8	8	8	8	10	16	12	10	10	12	12	10	12	16	12	12	12	12	14	16	16	12
22	24	26	16	16	18	20	22	18	28	20	14	14	12	12	20	24	20	16	18	16	12	14	12	12	18
23	12	12	12	12	13	12	14	16	22	20	21	22	22	22	24	24	24	22	20	24	26	22	24	34	20
24	32	32	18	14	14	14	16	16	22	22	24	28	****	18	16	12	10	14	12	12	12	14	18	36	19
25	40	26	18	12	16	20	12	16	16	16	18	20	16	16	16	16	16	14	16	18	12	10	****	****	17
26																									
27	****	****	****	****	****	****	****	****	****	28	28	20	19	16	16	20	14	12	14	12	10	8	8	8	****
28	6	8	8	12	12	13	13	36	14	13	13	16	20	19	18	19	14	12	13	12	12	11	10	14	14
29	9	8	10	12	13	13	19	32	20	20	20	21	25	23	21	20	24	20	20	20	23	24	21	24	19
30	24	20	20	20	21	23	24	34	24	19	20	24	25	22	22	24	25	25	28	27	27	25	24	27	24
MEAN	19	18	17	16	16	17	17	20	21	20	22	21	20	19	19	19	19	18	18	18	17	17	17	19	19

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	23	13	20	12	11	18	19	12	15	14											12	10	19	21	****
7	16	31	33	29	31	28	28	17	7	****											****	8	13	****	
8	16	17	13	13	13	13	19	9	6	7	10	7	9	9	7	7	7	7	7	****	6	6	8	8	15
9	8	11	9	****	8	7	****	6	****	****	****	8	10	****	****	****	****	****	****	****	****	****	7	8	10
10	9	8	10	12	17	25	21	15	11	****	10	17	21	20	25	22	19	30	29	19	15	13	13	15	17
11	15	15	15	17	17	16	15	19	17	17	10	6	6	****	****	10	****	****	****	13	8	7	7	13	13
12	13	13	7	****	****	9	11	10	7	****	****	****	****	****	****	****	****	****	****	6	13	24	36	39	****
13	30	33	33	17	10	9	10	13	9	****	****	****	****	****	****	****	****	****	****	****	****	7	24	27	****
14	27	25	25	23	39	44	48	21	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15																									
16																									
17																									
18																									
19																									
20																									
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	17	23	11	9	11	7	7	7	****	****
22	15	15	15	14	13	14	17	19	17	15	15	15	15	11	17	17	14	12	12	17	21	17	21	19	16
23	17	17	17	17	17	17	19	17	15	13	13	15	15	15	15	15	15	15	13	15	15	15	15	15	16
24	15	15	15	13	15	23	26	26	25	23	23	21	23	13	13	17	14	14	9	23	24	24	18	19	
25	14	14	22	25	30	45	51	49	15	12	11	13	13	13	13	11	11	9	9	10	15	19	18	19	
26	17	17	19	21	30	33	27	26	23	17	22	19	18	18	16	15	14	13	14	17	16	14	13	13	19
27	12	9	8	8	8	7	10	16	16	13	19	23	23	27	23	15	15	14	16	14	22	17	22	19	16
28	21	16	16	16	19	10	15	17	14	13	16	18	17	15	14	15	16	18	17	17	17	13	13	13	16
29	13	10	****	****	****	****	****	****	6	7	****	7	8	10	7	****	****	6	6	7	7	****	****	****	****
30	11	13	13	11	11	7	****	13	9	8	8	8	8	9	9	9	10	10	8	8	7	****	****	****	10
31	****	****	****	****	****	****	****	6	10	13	15	16	16	17	17	16	13	11	12	11	11	9	11	14	13
MEAN	16	16	17	17	18	19	22	17	13	13	14	13	14	14	14	14	13	13	13	12	13	13	16	17	15

PERCENTAGE OF DATA VALID - 49

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH SEP 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	18	19	21	15	22	16	18	17	13	11	10	9	9	9	9	7	****	7	7	10	9	****	****	13
2	****	****	****	****	****	****	****	****	****	****	13	13	13	10	10	9	7	6	****	8	6	****	****	6	****
3	****	****	****	6	7	9	11	15	11	9	8	7	6	6	6	6	****	****	10	15	19	9	7	****	9
4	****	****	****	****	****	****	****	6	9	7	****	19	17	17	17	15	15	14	16	18	16	16	16	15	
5	15	13	13	13	13	12	15	13	13	13	15	15	15	15	14	14	13	15	15	14	13	11	9	14	
6	11	11	9	7	8	8	7	7	7	7	9	9	7	8	7	7	8	8	8	8	8	8	8	7	8
7	7	6	****	****	6	6	7	7	6	6	6	7	7	7	8	8	9	9	9	9	8	7	9	7	7
8	7	6	6	6	6	8	13	11	13	13	15	15	****	9	12	12	10	8	7	11	15	15	13	****	11
9	7	****	****	****	****	****	6	9	11	14	14	13	13	10	7	7	6	6	7	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	6	6	****	****	****	****	****	****	****	****	****	****	****
11	****	8	8	9	11	7	14	17	19	17	17	17	18	17	17	16	14	13	12	12	14	16	16	17	14
12	19	16	16	18	27	45	47	21	17	14	14	15	15	16	15	15	14	13	12	15	19	18	19	16	19
13	14	11	11	12	12	15	13	9	8	8	8	7	8	7	8	7	7	7	8	7	7	7	7	****	9
14	****	****	****	****	****	****	8	8	****	****	10	11	11	11	11	9	7	7	7	****	****	****	7	7	****
15	7	7	7	11	21	30	30	****	****	****	19	15	15	15	16	17	18	21	21	19	16	19	20	15	17
16	13	11	11	11	11	15	13	****	13	13	16	15	17	18	18	21	21	20	19	17	20	21	15	12	16
17	12	10	9	10	10	****	****	****	11	11	13	****	****	19	20	19	17	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	25	24	19	19	18	20	20	20	20	20	20	20	21	19	22	34	35
19	30	33	44	51	47	49	65	44	29	23	23	23	25	25	25	23	24	22	20	19	17	17	17	30	22
20	19	19	22	22	23	23	27	23	20	17	19	21	21	21	21	21	21	21	23	25	27	31	22	22	22
21	22	22	20	17	19	20	23	26	21	21	23	26	26	26	26	26	26	25	27	27	23	23	27	25	24
22	22	20	23	20	19	17	21	25	20	22	21	22	22	22	22	22	22	19	19	18	20	21	22	19	21
23	20	21	19	17	14	15	15	17	19	18	25	23	22	21	24	24	22	22	21	21	21	21	21	21	20
24	19	18	18	18	18	17	19	21	19	21	24	23	23	21	21	23	21	19	21	23	23	21	23	22	21
25	21	20	21	22	23	28	57	51	39	****	31	26	22	22	23	27	21	27	30	32	31	26	17	17	28
26	15	15	18	17	15	15	16	15	15	15	17	15	13	15	18	19	19	19	21	20	20	17	18	17	17
27	16	15	15	15	15	19	18	16	17	21	24	27	27	23	22	21	21	21	21	21	22	21	20	17	20
28	18	21	20	17	16	17	17	17	17	15	17	19	21	18	18	18	17	14	15	15	17	19	25	30	18
29	28	23	18	18	19	23	27	29	24	19	15	****	6	14	13	11	15	9	11	16	20	22	19	19	19
30	21	23	22	23	23	24	21	19	19	18	****	15	14	11	11	11	11	11	11	13	13	16	17	18	17
MEAN	17	16	17	17	17	19	21	19	17	15	17	17	16	15	16	16	15	15	15	16	17	17	17	17	17

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	17	15	15	20	24	27	23	19	19	19	21	18	****	****	****	****	****	****	****	****	****	****	****	15
2	11	11	15	17	15	13	11	9	****	****	14	13	12	9	11	13	14	25	19	20	18	18	23	19	15
3	17	17	15	15	12	12	12	12	17	17	16	14	15	15	14	13	13	13	12	12	13	14	13	12	14
4	14	11	10	12	13	11	13	15	19	23	29	34	30	27	23	23	23	23	23	23	23	31	35	24	21
5	18	17	14	13	13	15	15	****	13	13	13	16	18	19	19	21	23	19	18	18	21	20	17	17	
6	16	15	15	21	21	21	****	****	****	19	21	23	23	21	23	23	25	25	23	21	25	22	21	19	21
7	17	17	18	19	20	24	****	****	****	****	****	19	****	13	25	21	19	33	20	20	21	23	23	22	21
8	21	13	****	****	****	****	****	****	****	****	****	****	7	7	7	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	15	15	20	21	21	19	18	18	17	17	17	17	17	18	18	****
10	18	18	18	18	18	20	19	25	29	33	34	32	30	29	27	29	35	37	31	29	25	27	25	23	26
11	20	20	20	20	22	27	32	19	41	38	33	33	27	25	23	25	28	30	25	23	23	23	26	29	27
12	27	27	32	29	48	31	41	19	19	17	17	20	27	27	31	23	21	23	25	21	19	20	20	19	25
13	19	25	24	****	****	****	****	****	****	****	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14	****	****	****	****	****	****	****	****	****	13	15	15	****	****	13	15	17	17	15	13	12	12	13	13	****
15	****	****	****	****	****	****	****	****	****	13	15	15	****	****	13	15	17	17	15	13	12	12	13	13	****
16	13	11	12	11	10	12	13	17	20	19	19	19	19	21	20	20	20	17	17	30	44	61	45	25	21
17	23	21	19	21	19	22	28	33	29	25	28	31	31	31	30	27	25	25	25	27	24	22	21	21	25
18	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	26	19	21	23	23	25	24	23	23	24	21	19	17	17	18	****
20	17	17	17	17	17	17	17	23	23	23	21	19	17	13	15	12	11	11	9	9	7	6	****	15	
21	****	****	****	****	6	7	13	27	21	15	15	14	16	16	18	21	19	17	17	17	17	17	18	18	16
22	27	24	28	27	23	24	29	39	42	33	26	21	20	19	19	19	22	25	38	44	43	51	57	66	32
23	73	65	49	38	37	43	34	33	40	27	23	23	19	16	20	18	18	19	21	19	17	14	15	17	29
24	15	13	15	15	13	17	25	61	24	20	19	19	25	25	23	22	22	20	18	18	17	16	15	14	20
25	15	15	14	16	15	15	16	14	14	15	15	17	20	22	23	21	20	21	19	23	22	17	17	16	18
26	15	13	14	16	15	19	15	16	16	20	19	19	19	21	9	9	10	9	9	10	11	10	9	14	
27	9	8	8	9	10	12	12	13	14	14	****	14	13	14	13	13	13	12	11	10	10	10	13	14	12
28	11	10	9	9	9	9	9	11	13	13	13	11	11	13	14	15	15	17	17	17	15	15	14	13	13
29	13	11	11	10	10	10	10	14	19	15	17	16	16	18	17	18	21	19	19	17	17	17	19	19	16
30	17	17	19	19	20	23	23	21	25	23	20	23	26	29	23	****	13	14	17	19	19	17	14	11	20
31	11	10	10	13	13	12	12	9	9	8	11	14	17	19	17	17	17	17	17	17	16	14	14	15	14
MEAN	19	18	18	17	17	18	19	23	22	20	20	20	20	19	19	19	19	19	19	19	20	21	20	20	19

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

MONTH NOV 70

STATION - 471 UNIVERSITY WINDSOR, ONT. NO. 10000																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	18	16	17	15	15	15	21	19	21	21	22	22	22	24	24	21	18	12	****	****	****	****	****	19
2												-	DATA MISSING	MISSING	-										
3													DATA MISSING	MISSING	-										
4	****	****	****	****	****	****	****	****	****	****	****	****	21	19	17	19	26	18	19	17	17	17	19	19	****
5	19	18	17	16	16	16	17	17	18	19	18	18	19	21	20	21	22	23	22	19	21	21	21	21	17
6	21	19	19	19	20	18	23	20	21	17	17	21	16	15	15	14	15	15	13	12	11	11	16	18	17
7	18	15	15	20	16	16	18	15	14	20	24	28	28	28	28	27	27	23	21	19	21	27	25	27	22
8	29	29	30	28	26	27	27	30	28	57	31	29	23	27	27	26	27	25	24	25	25	28	25	25	28
9	23	22	20	20	21	21	24	29	39	38	32	29	26	24	21	20	22	23	21	25	24	31	32	27	26
10	25	19	16	15	15	13	14	17	23	21	19	19	19	21	20	21	24	19	18	23	27	19	20	21	20
11	20	19	19	20	20	21	22	24	25	23	22	22	21	19	19	19	23	25	23	25	25	23	24	26	22
12	25	29	30	27	25	25	23	24	24	24	23	23	23	42	25	25	23	22	22	19	23	23	21	20	25
13	19	18	19	18	17	17	18	19	20	20	17	16	17	18	19	20	21	20	19	19	19	17	16	16	18
14	16	15	15	14	14	13	14	14	15	17	17	17	17	17	19	19	19	19	19	19	17	15	15	15	16
15	14	13	13	13	12	12	12	13	13	13	13	15	16	15	15	15	15	18	21	22	22	21	21	23	16
16	22	20	18	20	29	27	18	17	20	22	20	20	19	18	17	18	20	21	21	19	19	23	23	22	21
17	19	17	17	18	19	19	21	25	24	26	24	****	16	15	13	12	13	15	13	11	11	12	13	13	17
18	14	15	15	13	11	11	17	22	24	29	36	22	29	28	23	21	21	19	18	17	17	16	14	15	19
19	13	13	13	12	12	13	15	17	20	19	17	16	14	14	15	13	13	11	11	13	13	13	13	13	14
20	14	11	11	10	9	9	7	7	7	7	8	10	11	12	13	14	15	12	11	11	10	10	10	11	10
21	9	10	11	10	10	11	12	16	20	18	17	19	17	16	13	12	12	12	12	11	11	10	10	11	13
22	11	13	10	9	8	8	8	9	9	9	9	9	8	11	10	9	10	11	11	10	11	11	9	10	15
23	9	9	8	8	8	9	9	11	13	11	15	16	16	17	17	19	21	22	21	20	19	19	18	15	15
24	17	17	16	17	17	17	18	19	19	19	21	21	22	21	19	19	23	24	26	25	24	24	23	24	21
25	21	19	17	15	14	14	15	16	17	16	16	18	21	18	15	15	16	15	17	18	15	14	13	14	16
26	13	14	13	13	13	14	15	15	18	17	17	21	19	29	22	35	39	25	19	20	20	27	29	27	25
27	23	23	23	23	23	24	25	29	37	39	38	49	23	20	19	20	20	19	20	19	20	27	29	27	25
28	16	17	15	15	13	12	12	13	13	13	13	15	16	15	15	16	17	17	16	15	15	15	13	14	15
29	15	14	17	17	15	13	11	11	9	10	9	9	9	12	13	18	19	17	16	15	15	15	16	17	14
30	15	15	15	15	15	13	15	17	21	22	22	22	21	20	18	15	17	15	13	14	14	15	16	15	17
MEAN	18	17	17	16	16	16	16	18	20	21	20	20	19	20	18	19	20	19	18	18	18	18	18	18	18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST

NO 12008

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	13	13	15	15	14	13	14	11	11	11	10	11	13	15	15	14	13	13	11	11	11	11	13
2	12	11	12	11	7	****	****	****	****	****	****	****	16	14	15	15	16	20	21	23	25	24	34	57	20
3	48	33	33	27	21	17	15	17	17	19	19	29	24	22	21	21	21	18	17	17	16	15	21	17	22
4	15	15	15	15	14	13	13	15	16	15	16	18	19	19	19	20	22	23	23	23	23	20	17	18	18
5	18	15	15	13	15	17	16	18	19	21	18	17	17	18	21	19	15	15	15	16	15	15	15	15	17
6	17	17	14	14	13	13	13	14	14	15	15	17	19	19	19	19	19	19	18	18	18	17	17	17	16
7	16	16	17	17	17	18	19	19	22	23	23	24	22	23	19	21	26	21	21	19	18	19	17	17	20
8	17	17	16	18	17	17	18	19	19	19	18	18	27	23	31	31	26	26	25	21	19	19	19	21	21
9	19	16	16	15	15	15	15	17	18	18	21	22	23	25	25	25	27	25	25	25	23	22	23	23	21
10	21	21	21	21	21	21	21	23	26	28	29	28	27	27	31	30	30	22	23	22	21	18	16	15	23
11	15	15	14	13	13	12	13	14	16	18	17	17	18	17	19	19	19	19	17	16	15	15	14	13	16
12	13	13	13	13	13	13	13	13	15	16	17	17	18	17	18	18	19	20	18	19	19	17	18	19	16
13	19	17	17	17	17	18	21	19	18	18	17	18	20	19	19	19	20	21	19	19	19	19	19	19	19
14	19	19	19	19	19	19	19	21	22	22	21	21	21	21	22	22	22	21	20	20	22	24	23	23	21
15	22	22	23	22	23	24	28	32	33	31	25	23	21	20	21	21	24	28	29	28	27	29	33	32	26
16	27	25	23	22	22	22	22	21	24	23	23	25	25	25	25	27	29	28	27	27	26	27	28	26	25
17	28	30	31	29	26	25	26	26	27	****	****	****	****	****	****	****	****	****	23	22	21	21	21	21	****
18	19	17	17	18	18	17	17	19	22	19	18	19	19	19	18	20	21	21	18	18	17	18	18	19	19
19	21	20	21	25	27	23	23	25	24	23	22	22	21	21	22	22	23	22	22	21	22	23	23	23	23
20	22	21	22	23	21	21	21	21	21	21	21	22	23	23	23	23	22	22	23	25	24	26	26	23	23
21	26	25	24	25	25	24	25	28	30	27	27	28	27	28	29	29	30	27	26	26	25	25	23	24	26
22	23	22	21	21	21	21	21	22	25	25	27	29	22	28	26	25	27	25	22	25	25	25	23	24	24
23	19	17	17	17	17	17	17	19	22	23	22	21	22	23	25	27	31	25	21	19	17	17	17	17	20
24	17	17	17	17	17	17	18	19	19	19	20	21	21	21	22	23	24	21	22	21	21	21	23	27	20
25	28	28	31	21	24	23	23	23	22	21	21	21	21	23	23	25	25	24	23	21	21	21	22	23	23
26	23	23	23	24	23	24	25	25	25	33	31	26	24	25	23	23	24	24	23	22	23	24	24	29	25
27	26	25	25	23	24	25	26	27	27	27	27	27	28	29	29	29	29	28	29	29	28	30	31	31	27
28	30	29	29	29	29	31	32	30	31	28	25	23	21	19	17	17	17	18	24	25	25	29	37	33	26
29	41	36	31	22	20	17	18	20	25	27	22	23	22	23	23	19	22	22	19	17	19	21	21	23	23
30	22	23	24	24	20	19	24	31	37	33	26	24	27	****	****	****	****	****	****	****	****	****	****	****	****
31	18	17	17	18	17	17	19	21	23	21	21	21	28	25	21	19	19	19	19	19	19	19	19	19	20
MEAN	22	21	20	20	19	19	20	21	22	22	21	22	22	22	22	22	23	22	22	21	21	21	22	23	21

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	22	33	60
FEB	28	20	29	40
MAR	20	21	34	53
APR	29	19	35	60
MAY	DATA MISSING			
JUN	29	19	30	88
JUL	19	19	36	65
AUG	22	15	19	51
SEP	30	17	30	65
OCT	31	19	32	73
NOV	28	18	28	57
DEC	31	21	27	57
YEAR	292	19	36	88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	4	231	269	55	0	0	0	0	559
FEB	12	292	312	41	0	0	0	0	657
MAR	24	136	166	58	0	0	0	0	384
APR	23	386	216	22	0	0	0	0	647
MAY	DATA MISSING								
JUN	39	369	225	44	6	0	0	0	683
JUL	80	157	136	45	2	0	0	0	420
AUG	103	198	53	14	0	0	0	0	368
SEP	138	277	181	17	1	0	0	0	614
OCT	46	323	191	42	5	0	0	0	607
NOV	47	368	224	15	0	0	0	0	654
DEC	2	294	390	31	0	0	0	0	717
YEAR	518	3031	2363	384	14	0	0	0	6310

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
78	6	10.8	14.8	18.0	21.3	27.5	31.5	37.8	46.7	88	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	26	24	24	24	22	24	24	24	26	26	28	28	26	26	26	26	26	26	****	****	27	26	29	26
2	18	18	17	18	18	18	26	29	28	28	30	32	40	41	36	34	24	30	30	30	32	46	58	40	30
3	28	30	31	29	30	30	29	29	28	28	25	29	32	33	33	32	32	30	27	28	28	36	31	30	30
4	27	26	27	28	33	27	25	23	22	21	21	21	23	23	28	30	29	30	28	27	29	29	25	33	26
5	32	22	27	26	20	23	34	39	29	28	28	25	****	****	30	27	30	28	24	30	25	24	22	22	27
6	23	25	25	24	22	21	20	24	24	22	23	28	35	31	29	36	32	38	34	30	27	26	26	26	27
7	26	26	22	20	21	27	27	26	36	48	47	38	20	19	24	30	28	33	32	26	20	21	19	17	27
8	16	18	18	17	14	14	14	15	16	18	18	18	18	16	16	15	18	21	21	18	18	19	18	15	17
9	14	16	16	14	14	14	14	16	19	20	20	20	20	45	30	28	27	30	21	26	26	25	22	25	22
10	23	21	22	22	22	22	24	21	19	18	16	18	18	20	20	25	20	20	21	20	20	22	20	22	21
11	19	20	18	16	16	18	26	26	20	18	22	20	13	12	12	12	13	16	24	25	28	29	22	****	19
12	****	****	****	****	****	****	****	26	26	20	****	****	26	32	32	30	28	26	25	24	25	26	24	22	****
13	26	28	26	20	20	22	22	36	38	38	32	38	36	34	34	35	30	36	30	26	27	32	28	28	30
14	26	24	24	24	24	24	24	26	27	28	30	39	40	40	42	42	44	46	44	40	34	34	34	56	34
15	70	34	30	26	26	23	23	24	24	24	25	26	26	27	30	32	36	30	****	****	****	****	****	****	30
16	****	****	****	****	****	****	****	****	****	****	****	62	64	42	41	40	44	36	33	34	36	30	24	26	****
17	24	30	35	25	21	21	22	29	34	40	46	50	44	46	54	52	48	50	46	37	32	30	28	28	36
18	26	27	29	32	34	35	34	36	35	36	36	36	32	30	30	29	28	28	28	30	30	30	28	28	31
19	26	28	29	29	28	27	28	28	27	****	****	24	20	18	17	20	20	20	19	20	19	20	18	18	23
20	15	17	15	15	15	15	15	22	38	30	32	30	36	29	28	35	36	35	28	25	20	20	18	19	25
21	20	20	19	18	16	16	14	15	16	16	21	21	20	22	22	20	24	26	28	19	18	17	16	18	19
22	17	17	18	16	16	28	18	21	25	24	45	46	50	35	30	28	27	22	21	22	20	21	25	26	26
23	16	26	25	13	13	13	14	15	16	****	****	****	****	****	****	****	****	32	30	33	33	39	34	35	24
24	33	30	32	66	77	64	54	43	47	46	34	33	28	27	26	30	30	31	41	34	35	40	36	32	40
25	33	34	30	23	25	26	20	18	24	26	24	19	17	19	25	31	27	18	19	23	25	24	26	29	24
26	30	29	32	27	24	23	24	24	28	****	****	36	40	40	39	38	39	29	22	30	34	41	52	35	33
27	25	32	32	28	45	39	23	22	36	61	44	36	31	31	32	30	32	32	24	30	30	31	29	36	33
28	42	34	23	28	23	23	25	25	25	26	25	27	25	24	36	37	37	38	44	46	46	46	28	24	32
29	21	22	21	21	21	21	23	23	24	27	27	27	29	32	35	32	32	32	32	32	32	32	32	33	28
30	32	30	28	29	28	29	29	33	35	41	50	44	41	37	37	32	33	39	43	53	52	39	29	29	36
31	27	30	32	46	45	43	43	40	49	46	****	32	31	24	23	25	27	24	34	39	28	23	19	19	33
MEAN	26	26	25	25	25	25	25	26	28	30	30	31	30	29	30	30	30	30	29	30	29	29	27	28	28

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH FEB 70

STATION																										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	20	20	20	20	19	24	24	22	20	22	20	18	24	32	32	28	36	36	32	42	32	30	34	28	26	
2	28	30	42	36	28	28	40	40	48	32	44	38	36	30	32	34	32	32	34	36	38	36	34	35		
3	32	30	24	22	28	28	30	32	34	****	****	****	20	20	20	20	20	20	16	12	13	13	13	22		
4	12	14	13	12	12	12	13	16	18	24	22	20	20	18	20	18	16	14	12	16	20	19	20	21	17	
5	20	20	24	24	21	32	30	24	28	40	36	18	16	16	16	16	17	18	50	28	35	56	40	27		
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	69	60	42	45	56	72	72	44	****	
7	28	29	28	32	32	36	34	32	36	30	29	32	27	26	30	28	28	24	23	24	34	46	40	26	31	
8	40	32	44	41	48	88	76	66	48	44	36	32	32	34	38	36	36	36	35	24	32	31	32	32	41	
9	34	30	28	32	28	28	28	33	36	****	36	38	36	36	40	40	40	40	40	36	28	24	24	20	33	
10	20	22	20	20	16	16	16	20	32	36	38	40	40	42	42	42	42	42	38	38	40	39	40	44	33	
11	44	38	38	36	36	36	38	40	40	40	40	40	44	42	40	40	40	40	38	34	32	26	24	24	37	
12	24	24	24	24	24	24	24	24	30	38	40	40	40	35	36	29	28	32	34	32	34	39	40	50	48	32
13	38	32	30	29	29	28	29	29	32	40	36	38	34	32	36	37	38	40	40	40	40	40	40	40	35	
14	39	36	36	36	36	36	36	36	36	56	46	46	46	46	46	48	48	50	54	48	40	41	44	36	44	43
15	36	36	36	36	32	24	19	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
16																										
17																										
18																										
19																										
20																										
21																										
22																										
23																										
24																										
25																										
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	32	28	30	18	18	23	28	25	****	
27	17	16	17	20	18	7	6	7	25	25	25	24	23	24	24	24	24	24	27	27	27	28	23	24	21	
28	23	23	21	22	23	23	25	25	26	33	40	40	40	37	33	32	29	26	22	21	24	23	25	22	28	27
MEAN	28	27	28	28	27	29	29	28	33	35	35	33	31	31	32	31	34	34	30	32	32	34	35	31	31	

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAHST

NO 14049

MONTH MAR 70

STATION - VICTORIA ST BARNIA CARS																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	22	20	20	20	19	19	20	19	18	18	19	19	18	16	14	14	15	14	14	12	12	18
2	12	12	14	14	21	21	20	20	24	23	26	28	24	28	22	20	19	21	16	16	16	15	13	13	19
3	13	12	12	14	14	14	14	14	16	24	24	24	24	48	36	40	50	40	36	36	36	32	32	28	30
4	20	20	18	16	16	16	18	20	20	36	28	32	52	48	36	40	50	36	36	36	32	32	28	24	22
5	28	28	32	32	32	32	32	32	28	36	36	36	36	36	36	36	36	32	32	32	28	24	23	32	
6	24	22	24	28	32	26	29	27	32	29	35	69	60	60	52	40	38	40	38	60	52	28	16	20	25
7	24	18	19	20	20	40	49	26	28	40	32	26	24	30	26	20	18	20	20	18	18	20	16	20	22
8	20	20	20	20	20	20	20	20	20	24	24	26	26	20	20	30	27	24	20	20	19	22	22	28	22
9	20	24	24	24	24	26	28	30	32	34	36	40	36	34	30	24	20	24	24	20	20	20	20	20	27
10	20	20	20	20	20	22	22	24	26	28	30	36	32	32	36	36	38	32	30	30	30	30	28	24	28
11	24	24	26	24	28	28	24	24	28	36	36	28	30	30	36	38	40	40	32	28	38	40	24	22	30
12	24	22	22	24	24	26	28	30	32	34	36	40	40	40	40	40	40	40	36	34	32	30	28	24	32
13	20	22	22	24	24	28	26	26	30	36	34	38	34	34	32	24	20	10	28	20	24	55	30	30	28
14	26	24	22	20	22	22	24	24	26	24	24	22	20	18	24	22	18	20	28	28	30	38	36	40	25
15	36	32	32	32	32	36	38	36	38	40	38	40	40	40	36	34	32	36	36	38	40	42	40	39	37
16	35	30	30	30	34	36	38	40	36	32	34	30	32	28	35	36	42	46	40	29	29	25	22	24	33
17	22	20	20	20	25	28	28	30	34	32	34	28	30	32	36	35	****	****	****	****	****	****	****	****	28
18	****	****	****	****	****	****	****	****	****	44	40	40	40	40	40	32	34	32	32	32	28	28	20	20	****
19	20	18	19	14	15	16	20	24	26	28	28	30	32	38	36	32	36	38	24	20	18	16	14	14	24
20	6	8	12	9	10	10	10	14	24	43	43	24	23	20	20	18	****	****	****	****	****	****	****	****	18
21												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
22												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
23												- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -
24	****	****	****	****	****	****	****	****	****	****	22	22	23	25	19	16	22	24	22	24	26	22	24	26	****
25	28	28	28	28	28	24	23	32	32	35	36	36	36	40	40	36	32	28	23	20	18	18	16	16	28
26	16	16	16	20	16	16	16	19	20	20	22	28	31	29	29	40	24	44	27	23	21	22	20	21	23
27	20	20	20	20	20	20	20	20	20	20	20	22	22	22	28	46	29	19	18	18	23	25	35	40	24
28	38	37	41	42	33	24	24	20	24	26	28	28	28	28	28	28	28	26	22	18	10	****	****	****	28
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	40	39	24	20	20	20	23	****
30	20	20	20	20	18	18	16	18	19	19	18	17	18	18	31	32	31	19	14	12	12	12	12	14	19
31	15	13	10	10	19	16	25	33	27	20	20	20	27	28	24	24	22	19	8	12	12	16	16	18	19
MEAN	22	21	22	22	23	23	24	25	26	30	30	31	31	31	31	30	29	29	26	25	24	25	23	23	26

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAHST

NO 14049

MONTH APR 70

STATION - VICTORIA ST SARRIA CANAL																										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	18	16	12	12	12	12	8	12	12	****	20	20	18	20	20	20	22	20	16	16	16	14	12	12	16	
2	12	12	12	12	12	10	10	12	18	20	22	24	28	24	20	20	20	20	16	16	18	18	14	12	17	
3	12	12	12	12	12	10	10	12	14	16	18	18	20	20	20	20	20	19	24	20	20	22	20	17		
4	20	24	18	16	16	16	16	16	16	20	20	20	18	20	20	20	20	18	16	20	20	25	18	24	19	
5	22	20	16	16	16	16	16	20	18	16	16	16	16	16	20	18	18	16	12	18	18	16	16	16		
6	16	18	18	16	16	14	18	28	28	22	30	22	26	30	60	44	32	26	22	22	22	22	20	20	25	
7	20	20	20	20	20	18	20	20	20	22	32	32	28	32	30	26	28	32	28	34	48	48	46	56	29	
8	72	84	86	80	72	64	68	70	56	52	50	50	44	38	36	34	34	52	52	60	36	20	16	16	52	
9	16	16	15	15	15	15	16	16	16	16	16	16	16	16	16	18	20	20	18	18	18	22	18	17		
10	16	14	14	16	15	15	15	16	16	18	18	22	22	20	20	20	20	20	24	24	32	24	26	19		
11	24	22	20	20	20	22	22	22	24	24	28	30	32	26	24	26	20	20	20	20	30	30	24	28	24	
12	24	24	24	24	22	22	22	20	18	20	20	20	20	20	20	20	20	20	24	20	20	20	20	21		
13	20	20	20	20	18	18	16	18	16	18	18	18	16	16	16	16	12	14	12	12	12	12	12	16		
14	16	16	15	16	13	12	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
15	****	****	****	****	****	****	****	****	****	****	20	20	20	24	24	24	24	24	22	20	16	20	24	20	****	
16	26	44	46	46	37	22	23	21	20	24	26	26	32	35	24	20	24	24	21	25	28	64	40	52	31	
17	88	88	80	84	84	84	72	70	52	48	24	22	20	18	20	20	20	20	20	20	20	26	20	24	44	
18	20	20	22	19	20	16	16	18	20	20	20	20	20	20	20	20	20	20	18	20	20	20	17	20	19	
19	16	16	16	16	15	15	16	12	12	12	13	12	12	12	12	12	12	12	12	12	12	12	12	13		
20	12	12	12	12	12	12	****	****	****	****	20	20	26	21	21	26	20	20	21	20	28	32	36	29	25	
21	20	17	17	16	16	17	16	16	16	16	17	20	20	20	20	20	20	20	20	20	20	20	20	19		
22	20	20	20	20	20	20	20	26	26	27	28	25	26	30	****	31	25	21	21	20	20	20	17	18	23	
23	18	18	20	20	36	56	32	16	18	36	34	30	32	32	31	28	30	****	****	****	****	26	21	20	28	
24	24	21	20	19	18	20	18	19	20	25	28	28	28	34	38	40	48	54	48	56	38	34	34	42	31	
25	40	40	38	66	52	49	40	30	30	36	26	40	35	32	32	32	30	31	36	39	72	72	70	76	44	
26	62	53	76	72	78	84	76	52	24	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
27	****	****	****	****	****	****	****	****	****	****	****	30	23	20	22	20	20	16	20	14	14	13	14	9	****	
28	36	30	14	13	12	13	12	15	14	25	24	24	21	18	20	22	21	15	****	****	****	****	****	****	19	
29	****	****	****	****	****	****	****	****	****	****	****	36	40	36	34	30	32	19	15	16	14	12	12	11	****	
30	10	10	12	13	13	13	16	17	32	37	36	26	22	22	25	30	29	21	21	28	23	30	22	24	22	
MEAN	26	26	26	26	26	25	24	23	22	24	24	25	24	24	25	24	24	23	22	24	24	26	23	24	24	

PERCENTAGE OF DATA VALID - 89

UNITS - PARTS PER TEN MILLION

MONTH MAY 70

PERCENTAGE OF DATA VALID - 99

UNITS - PARTS PER TEN MILLION

MONTH JUN 70

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	34	36	36	32	30	32	32	32	40	36	36	38	36	36	32	30	22	20	20	32	20	36	40	40	36
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7	36	36	36	26	28	24	24	20	16	20	18	22	16	14	14	16	8	10	12	16	16	18	16	14	20
8	14	14	12	12	12	12	14	16	18	18	18	16	14	16	18	16	16	16	16	16	16	16	15	14	15
9	14	12	12	12	12	14	16	20	22	26	24	28	30	26	26	22	24	20	22	28	24	20	24	22	21
10																									
11	20	16	16	16	16	16	16	16	20	20	20	20	22	22	22	22	22	22	22	22	24	24	26	24	20
12	34	32	36	44	60	46	28	22	20	17	18	24	22	24	24	24	24	24	24	24	24	22	22	22	27
13	33	35	52	51	38	31	22	28	43	42	45	35	29	25	21	21	27	34	30	26	23	20	30	30	31
14	33	40	25	12	13	17	26	19	17	18	18	12	12	11	9	9	9	6	8	8	8	8	8	8	15
15	7	6	6	6	6	6	6	7	8	10	10	13	14	14	14	13	12	10	14	16	17	40	51	29	16
16	32	22	20	17	17	18	19	19	18	18	18	18	17	19	19	19	19	17	17	33	31	16	11	9	19
17	20	45	18	11	13	11	9	10	12	12	12	12	16	17	13	13	13	13	10	12	12	10	12	10	14
18	10	10	11	11	10	15	11	11	11	12	12	12	13	17	20	20	24	21	23	22	15	21	30	25	16
19	13	12	13	6	6	7	8	8	8	10	10	10	10	10	10	7	7	7	7	7	7	7	7	7	7
20																									
21	46	24	21	22	27	27	22	16	16	16	16	13	16	16	14	14	14	13	10	10	10	12	19	39	46
22	44	26	25	22	17	11	11	11	11	11	11	13	15	13	13	12	11	10	11	15	12	12	9	13	12
23	11	8	8	12	15	15	16	16	31	18	18	20	20	22	20	20	18	14	15	17	23	16	18	17	16
24	13	7	7	7	6	17	39	21	18	19	18	20	20	22	20	20	18	13	10	14	22	18	17	28	18
25	45	41	27	47	34	26	20	17	13	7	7	7	7	7	7	6	9	9	11	28	25	27	28	23	24
26	12	31	36	19	12	33	49	35	35	40	34	22	18	16	16	18	18	15	19	18	19	20	31	36	25
27	33	20	18	13	13	13	13	13	13	25	22	18	17	21	41	24	17	22	24	18	24	39	57	23	25
28	23	19	19	44	27	19	20	19	21	27	21	18	19	16	16	16	13	10	13	13	9	8	12	12	18
29	7	7	9	17	8	27	27	15	25	24	27	22	23	25	25	21	23	22	22	22	30	30	30	30	20
30																									
31	23	22	22	22	20	21	21	17	19	19	20	20	18	18	19	18	16	15	17	19	21	21	28	26	20

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	12	9	8	8	6	6	7	8	8	9	9	9	9	10	10	12	9	10	9	11	10	12	11	10
2	11	9	8	8	8	6	8	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
3	13	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
4	95	90	88	59	39	34	16	11	9	7	7	8	10	10	11	11	11	9	7	7	7	7	7	7	7
5	30	31	36	39	32	35	68	36	50	58	43	22	15	15	17	19	19	16	14	16	21	24	40	37	31
6	29	26	24	32	35	34	28	17	14	13	14	16	16	17	19	20	20	20	23	23	28	25	22	22	22
7	22	21	20	20	20	20	20	19	20	17	19	19	21	22	24	25	28	29	33	36	34	89	53	30	28
8	26	26	26	26	26	26	30	29	29	25	19	15	15	15	15	15	15	15	15	15	15	15	15	15	15
9																									
10																									
11	12	12	12	12	12	12	14	17	14	15	15	13	13	13	14	13	13	13	12	13	14	18	33	37	15
12	58	57	27	20	51	75	30	21	17	19	19	19	19	21	19	19	21	22	22	24	25	24	26	25	29
13	33	37	21	19	19	19	19	19	21	23	22	20	20	24	24	25	26	30	57	81	56	68	68	56	34
14	56	62	120	172	181	135	183	135	81	42	24	21	23	23	25	25	25	30	26	24	34	52	30	16	64
15	60	41	42	42	39	18	12	25	23	23	14	12	12	12	10	10	10	10	11	12	15	15	14	14	21
16	14	14	13	13	10	10	11	14	21																
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
MEAN	34	32	32	34	39	34	34	26	23	20	17	15	15	16	16	16	17	17	20	23	21	29	27	28	25

PERCENTAGE OF DATA VALID - 43

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8	***	***	***	***	***	***	***	***	***	***	22	11	15	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	8	13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	23	20	22	34	12	***
12	22	18	7	40	48	36	63	22	6	***	***	***	***	***	***	***	***	***	***	***	***	7	8	***	***
13	***	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	6	6	***	***	9	***	***	***	***	***	***	***	8	7	***	***
15	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	6	6	***	7	***	***	6	10	8	***	6	***	***	***	***
17	***	11	12	12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	10	7	***	***	***	55	77	82	68	46	20	9	6	11	10	10	10	***	***	***	6	6	7	6	25
19	7	7	23	18	12	10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	19	20	25	20	14	15	14	14	24	18	16	10	12	10	***	13	11	23	29	31	32	38	37	8	20
21	***	***	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	9	***	***	***	***	7	***	10	26	22	14	12	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	7	***	10	18	7	27	19	8	***
26	***	***	***	***	***	8	***	***	***	8	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	11	7	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	15	12	15	23	25	22	42	32	33	20	13	10	9	9	10	14	11	16	13	21	13	18	19	8	17

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	13	****	****	****	****	9	****	****	****	****	****	****	32	32	53	9	****
2	****	****	****	****	****	****	****	****	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	20	23	6	****	****	****	****	****	6	9	8	6	7	8	11	9	12	17	10	16	20	22	17
5	24	24	16	14	13	11	11	11	8	9	****	10	13	15	13	30	20	****	****	****	6	6	6	****	14
6	****	8	8	10	9	22	23	17	****	****	****	17	10	7	19	****	****	****	6	7	6	10	8	11	12
7	13	13	12	12	7	7	7	14	58	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	18	17	7	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	10	7	****	****	****
11	6	6	6	7	8	10	11	15	21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	6	9	23	12	****	****	****	10	11	9	11	9	10	****	****	****	****	****	****	10	6	17	15	****
13	17	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	****	****	****	****	****	****	****	****
14	****	****	****	****	****	8	8	12	****	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	7	****
16	****	****	8	6	****	****	****	****	****	****	****	****	****	****	6	****	6	****	****	****	****	****	****	****	****
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	10	13	13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	8	****
19	****	****	****	****	****	****	****	****	****	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
20	****	****	****	****	****	****	****	****	****	9	****	****	12	16	16	13	16	16	40	38	32	24	12	7	****
21	****	****	****	****	****	****	****	****	15	15	21	21	17	19	15	12	12	16	13	11	11	11	11	11	14
22	14	14	13	13	12	12	15	15	15	17	22	17	14	14	17	15	17	15	19	22	29	39	35	27	18
23	32	38	37	27	20	14	17	19	26	18	27	17	17	15	14	17	13	9	****	7	9	9	11	13	19
24	8	10	6	10	****	****	****	7	7	7	7	7	9	10	9	7	****	****	****	****	****	7	****	****	****
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
26	7	****	****	****	****	****	****	8	****	22	19	20	20	20	20	20	21	23	21	21	20	19	17	18	19
27	19	19	19	19	19	19	17	17	18	18	18	18	18	19	19	19	18	18	16	14	15	15	17	18	18
28	16	16	16	16	16	16	16	16	16	17	18	26	22	20	22	21	19	19	16	15	15	15	15	15	17
29	16	18	19	17	20	22	24	25	24	24	26	27	26	26	26	26	26	26	26	26	26	26	24	24	24
30	23	25	22	21	22	21	22	24	31	31	31	33	33	33	66	43	42	44	38	35	43	40	36	33	33
31	34	34	31	32	29	29	29	34	31	32	32	30	30	30	33	40	39	39	36	36	31	34	35	32	33
MEAN	17	17	16	17	15	16	17	17	20	17	19	18	17	16	20	20	19	21	22	20	19	19	20	17	18

PERCENTAGE OF DATA VALID - 46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	30	33	33	36	38	33	36	36	35	35	28	29	30	29	29	29	29	30	31	30	30	30	26	31
2	26	26	26	25	25	28	28	18	***	24	24	25	26	24	24	24	24	21	21	21	20	18	18	18	23
3	18	21	24	29	26	22	22	22	25	27	***	***	***	54	34	32	33	28	24	24	24	24	25	25	27
4	24	22	22	19	19	19	19	19	19	19	22	22	23	25	24	24	23	20	16	15	15	15	15	15	20
5	15	15	15	12	13	13	12	12	13	13	13	15	16	18	19	19	19	21	20	22	24	21	22	21	17
6	20	20	17	15	15	15	15	17	28	32	32	32	32	29	29	32	31	36	35	37	37	25	18	17	26
7	17	17	17	17	17	17	16	16	15	15	15	15	19	19	20	20	21	22	20	20	19	22	22	19	18
8	20	20	21	21	20	20	20	20	17	18	19	18	***	***	***	***	***	***	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	46	29	26	26	22	22	19	16	18	16	26	33	26	18	***
10	11	11	11	10	10	10	13	23	23	24	26	25	25	25	21	18	18	18	16	18	19	18	17	16	18
11	13	13	13	12	12	12	12	13	15	17	18	19	19	21	21	21	20	18	15	13	13	13	13	13	15
12	11	9	9	9	8	6	6	6	8	14	19	22	20	20	20	20	22	21	18	17	14	12	12	13	14
13	***	***	***	***	***	***	***	***	***	18	19	19	20	22	21	20	20	18	17	17	17	17	17	17	***
14	16	16	16	16	17	17	17	17	17	19	19	20	20	20	20	20	20	20	17	17	17	17	17	17	18
15	16	16	14	14	14	14	14	14	14	14	14	14	14	15	15	15	15	15	15	15	17	18	20	15	
16	19	19	19	18	16	16	16	16	18	22	22	27	27	26	26	25	25	24	23	22	24	24	25	26	22
17	25	24	23	22	21	21	22	22	23	25	29	32	32	28	27	25	26	22	21	21	21	23	22	31	25
18	25	22	29	24	27	31	27	25	25	28	24	22	24	24	24	24	24	23	21	23	21	37	32	31	26
19	24	31	37	38	38	37	29	29	29	29	29	29	29	31	31	31	31	30	26	24	24	24	24	24	30
20	24	24	23	23	23	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
21	18	18	18	18	18	18	19	21	22	22	24	24	26	30	30	34	39	36	24	30	40	36	33	26	26
22	25	23	23	24	21	17	16	26	34	24	26	29	25	17	16	16	16	17	18	18	19	19	19	19	21
23	20	20	20	20	20	21	22	23	***	13	12	18	17	15	17	18	18	18	18	18	15	14	13	13	18
24	12	12	12	12	12	13	13	13	15	16	16	16	17	17	17	18	18	18	18	18	23	27	26	27	17
25	29	31	28	29	30	32	34	37	38	39	39	36	37	36	31	35	35	41	33	32	30	28	31	29	33
26	26	35	39	34	32	35	31	30	33	38	39	40	40	38	39	45	47	50	42	48	45	40	44	43	39
27	39	36	41	52	47	35	31	34	40	42	36	31	31	32	32	32	32	32	32	30	30	26	26	25	34
28	22	22	22	21	21	21	21	21	21	24	27	30	32	30	27	27	28	27	25	25	25	25	25	25	25
29	26	25	24	22	21	21	21	21	21	21	21	21	34	30	31	29	25	26	22	22	22	20	21	20	24
30	21	21	21	20	21	21	21	23	26	28	29	25	27	27	24	19	20	23	25	22	19	19	17	17	22
MEAN	21	21	22	22	21	21	20	21	23	24	25	24	25	26	25	25	25	25	22	23	23	23	22	22	23

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	16	11	11	11	11	11	13	14	37	33	34	34	34	34	34	37	36	35	37	37	22	22	22	25
2	22	25	25	25	25	23	24	24	27	28	28	28	30	30	27	27	27	27	30	30	32	35	35	33	28
3	33	31	41	58	60	47	42	40	38	33	70	33	29	27	27	28	28	26	26	31	40	37	33	19	37
4	18	18	18	18	18	18	18	18	19	22	28	28	30	30	30	31	31	30	30	30	30	30	30	30	25
5	34	34	34	30	28	28	28	33	33	35	38	38	34	33	40	30	25	25	22	22	22	23	23	23	30
6	23	26	26	26	25	25	25	26	25	26	26	26	26	26	26	26	26	26	26	26	***	***	***	***	26
7	***	***	***	***	***	***	***	***	***	***	23	19	20	18	18	18	19	19	19	19	18	15	16	15	***
8	15	15	17	22	22	25	23	24	24	28	30	27	24	25	31	29	32	32	28	31	32	30	25	28	26
9	26	25	24	24	25	26	25	13	11	13	14	14	15	15	15	17	15	15	15	15	15	15	13	11	17
10	11	11	11	11	11	11	11	11	13	15	15	16	17	17	17	21	20	20	20	19	15	15	15	14	15
11	12	12	12	12	12	12	12	12	12	14	***	28	28	28	28	29	28	28	28	28	28	28	28	28	21
12	26	27	27	27	27	27	27	27	27	29	36	36	33	33	36	37	37	40	36	32	32	30	27	28	31
13	28	29	29	30	33	36	36	32	29	28	24	24	24	24	24	24	24	25	25	25	25	25	25	25	27
14	25	25	25	25	25	25	25	26	26	39	39	39	38	38	32	23	24	24	24	24	24	20	20	20	27
15	22	21	21	21	21	21	21	23	25	31	53	69	47	39	39	32	32	30	30	32	30	28	25	24	31
16	21	21	19	19	20	19	19	19	19	19	19	19	20	20	20	22	34	32	30	41	36	26	22	22	23
17	22	22	22	22	22	22	22	22	25	24	26	25	25	25	25	25	25	25	25	25	25	25	23	23	24
18	23	23	23	23	23	23	23	25	27	***	35	31	30	31	36	33	30	30	26	26	26	24	24	24	27
19	- DATA MISSING -																								
20	- DATA MISSING -																								
21	22	22	22	21	21	21	19	22	26	23	29	32	30	30	30	30	30	26	25	25	25	25	23	23	25
22	23	21	21	20	19	18	18	18	19	24	24	25	25	25	30	30	30	36	36	34	31	31	30	30	26
23	30	23	23	24	24	24	24	22	23	24	25	25	25	25	30	30	30	30	34	30	26	25	25	25	26
24	24	25	25	25	25	25	25	25	27	29	31	31	34	32	34	34	33	33	28	29	28	28	29	28	29
25	28	28	31	38	38	34	31	33	36	31	27	27	29	29	29	27	27	27	27	26	25	25	25	25	29
26	25	25	25	24	23	23	23	23	24	25	25	26	26	26	26	29	35	33	32	29	25	26	26	26	26
27	27	27	27	26	25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	21	24
28	21	22	22	22	22	27	27	26	26	26	26	26	27	27	27	27	27	27	27	23	23	23	23	27	25
29	26	27	22	22	22	22	22	32	29	30	28	28	26	26	26	26	26	26	25	21	20	21	21	22	25
30	21	21	21	21	22	22	22	26	28	27	27	26	25	25	25	25	25	25	28	43	43	37	34	26	27
31	26	26	21	19	19	19	19	21	23	23	23	28	32	32	34	34	32	32	32	28	32	31	28	28	27
MEAN	23	23	23	24	24	24	23	24	24	26	30	29	28	28	28	28	28	28	27	28	27	26	25	24	26

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - VICTORIA ST SARNIA OAMST

NO 14049

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	28	40	77
FEB	18	31	43	88
MAR	28	26	37	69
APR	30	24	52	88
MAY	31	23	44	108
JUN	30	25	48	155
JUL	27	20	31	69
AUG	17	25	64	183
SEP	16	17	25	82
OCT	26	18	33	66
NOV	30	23	39	54
DEC	29	26	37	70
YEAR	313	24	64	183

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA OAMST

NO 14049

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	106	384	203	7	0	0	0	700
FEB	4	41	140	190	6	0	0	0	381
MAR	11	107	317	181	1	0	0	0	617
APR	7	227	298	85	28	0	0	0	645
MAY	30	330	214	148	13	2	0	0	737
JUN	37	272	239	94	13	13	2	0	670
JUL	69	247	163	77	2	0	0	0	558
AUG	68	106	91	41	12	4	3	0	325
SEP	51	27	17	10	4	0	0	0	109
OCT	90	138	73	45	1	0	0	0	347
NOV	11	228	335	110	0	0	0	0	684
DEC	0	100	448	130	2	0	0	0	680
YEAR	378	1929	2719	1314	89	19	5	0	6453

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
73	6	11.5	17.4	21.6	27.3	37.2	43.7	58.0	71.0	183	24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH OCT 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7	****	****	****	****	****	****	****	****	31	21	14	15	18	20	23	25	25	25	30	33	36	38	39	36	27
8	36	37	34	35	33	33	35	36	33	31	19	15	14	15	17	17	17	17	18	15	13	14	17	18	24
9	18	17	19	23	23	25	25	25	23	18	15	13	13	13	12	12	12	12	14	14	11	11	13	13	16
10	13	13	13	15	15	14	14	15	17	17	18	18	18	18	17	18	18	21	25	27	29	31	37	41	20
11																									
12	50	46	45	39	33	33	31	32	27	13	7	****	****	****	****	****	****	****	****	7	8	9	9	8	25
13	9	11	11	12	10		12	13	9	8	13	21	****	****	****	****	****	****	****	****	****	****	****	****	****
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21	19	19	19	19	19	19	20	21	21	21	21	20	21	20	20	21	22	22	23	25	23	23	27	25	21
22	27	27	25	25	23	22	21	22	22	21	19	21	19	19	19	19	17	19	19	21	21	23	25	26	22
23	30	29	28	27	27	27	30	35	37	31	26	22	21	18	19	18	19	22	25	27	29	34	36	27	
24	31	25	23	27	28	29	29	31	31	27	23	20	18	16	19	21	23	29	33	31	32	53	37	27	
25	31	31	29	30	31	31	33	33	31	27	24	22	17	16	15	15	17	19	20	20	20	20	20	21	24
26	21	22	23	23	23	23	22	23	23	21	21	21	21	21	21	19	19	19	18	20	20	19	19	25	21
27	17	15	15	18	18	19	20	23	21	17	15	13	11	11	9	9	10	11	13	14	17	17	19	21	16
28	23	23	25	25	26	25	26	28	29	27	29	29	****	****	****	****	****	****	****	****	****	****	****	****	****
29																									
30																									
31																									
MEAN	25	24	24	24	24	24	24	26	25	21	19	19	17	17	17	18	18	19	21	21	21	22	26	26	22

PERCENTAGE OF DATA VALID - 39

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH NOV 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	13	13	13	15	17	19	19	18	34	27	****	
3	19	19	19	19	20	20	20	19	20	21	21	21	****	****	****	****	****	****	10	11	11	13	13	13	17
4	11	11	7	7	7	****	8	8	9	9	9	8	6	6	6	****	****	6	6	7	7	7	8	9	8
5	9	8	7	****	****	****	****	****	****	****	****	****	****	****	****	****	6	7	9	9	9	11	19	****	
6	8	8	8	7	7	7	****	****	6	****	****	****	****	****	****	****	****	7	8	8	7	7	11	****	
7	7	7	7	7	7	8	10	10	9	6	****	****	****	****	****	****	****	8	9	11	14	13	17	21	10
8	15	11	10	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	6	****	****	****	****
9	****	****	****	****	****	****	****	6	6	****	****	****	****	****	****	****	****	****	6	6	6	****	****	****	****
10	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	7	8	9	9	****
11	9	9	9	9	9	9	9	9	9	9	13	9	9	7	7	7	7	9	13	12	12	12	13	9	
12	11	11	10	9	9	9	7	7	7	6	****	****	****	****	****	****	****	****	6	8	9	8	****	****	
13																									
14	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	28	20	20	20	19	19	19	18	17	17	19	****
15	17	16	15	15	14	14	14	15	14	15	15	14	15	15	14	15	14	15	15	16	16	17	17	15	
16	15	15	15	15	16	16	15	16	17	15	15	15	14	15	15	15	16	17	15	15	14	15	16	15	
17	15	15	15	15	15	16	17	17	21	21	23	23	22	22	21	21	25	25	25	25	24	24	21	20	
18	18	18	18	17	15	16	16	17	17	16	15	13	13	14	13	14	15	17	19	21	25	24	25	23	
19	21	23	23	21	18	17	16	17	19	17	16	15	17	17	17	17	18	19	19	19	20	19	18	18	
20	17	15	15	13	13	13	13	13	13	13	14	13	14	13	14	14	15	15	16	16	15	16	15	14	
21	14	14	13	13	13	13	13	13	15	14	13	13	15	14	14	15	20	19	19	20	19	17	18	19	
22	18	17	16	15	17	17	17	17	15	14	15	14	13	13	13	13	13	13	14	13	13	12	12	13	
23	12	12	12	12	12	12	12	13	13	13	13	13	14	13	13	13	13	13	13	13	13	12	12	13	
24	12	13	11	11	11	11	12	13	15	15	13	13	13	13	13	13	14	14	14	15	14	15	15	13	
25	14	14	14	13	13	13	13	14	15	14	13	13	13	14	14	14	15	15	15	15	14	14	14	16	
26	15	15	13	12	12	11	11	13	13	13	13	13	14	15	17	17	19	19	19	18	18	17	19	15	
27	19	20	19	19	19	17	20	19	18	17	17	19	19	19	21	22	22	23	25	25	24	23	22	21	
28	20	19	19	18	17	17	17	17	17	17	17	16	17	17	17	18	19	19	19	19	17	17	18	17	
29	17	18	16	15	14	14	15	15	15	15	15	17	18	18	18	17	17	16	16	16	17	17	17	16	
30	15	15	14	15	15	15	16	17	18	18	18	17	16	16	15	15	17	19	20	22	22	21	21	17	
MEAN	15	14	14	13	13	14	14	14	14	14	15	15	15	15	15	15	16	15	15	15	15	15	16	17	

PERCENTAGE OF DATA VALID - 74

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

MONTH DEC 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	15	13	13	13	13	13	15	14	14	15	16	18	18	18	19	16	14	14	13	13	12	13	13	15
2	15	15	15	15	15	15	16	17	17	16	15	15	15	15	15	17	21	22	21	20	20	20	20	20	17
3	20	20	21	23	28	29	29	31	40	30	22	17	15	15	15	15	14	14	13	13	13	15	13	13	20
4	13	13	12	11	12	12	11	12	11	12	12	12	13	13	12	13	14	15	15	15	15	15	16	16	13
5	16	15	14	14	13	13	13	13	13	13	12	14	17	16	***	27	28	29	25	23	21	21	21	21	18
6	21	22	23	22	21	21	20	20	20	21	23	22	22	22	22	22	23	23	24	24	23	24	24	24	22
7	23	23	23	23	23	23	23	24	25	24	23	23	22	22	23	24	25	27	28	30	31	29	27	27	25
8	27	26	26	25	25	25	24	24	23	22	21	21	21	22	22	24	25	25	24	24	24	23	24	25	24
9	27	25	24	23	23	22	22	23	23	23	23	23	23	23	25	25	25	26	25	27	25	25	25	25	24
10	25	25	25	25	25	25	24	25	27	27	25	26	25	25	25	25	26	26	25	25	25	27	25	23	25
11	23	22	21	21	21	20	21	21	21	22	21	22	21	20	20	21	21	21	21	19	19	19	19	19	21
12	20	20	20	19	19	19	19	19	19	19	19	20	20	21	20	20	21	21	23	23	23	23	24	25	21
13	25	24	24	24	23	23	22	22	23	24	23	23	23	23	23	22	22	22	22	21	21	22	22	22	23
14	21	22	22	22	22	21	21	23	25	25	23	23	23	23	23	24	25	25	25	23	23	23	24	24	23
15	23	23	25	25	23	23	25	29	31	30	29	27	27	23	19	19	21	21	19	18	18	18	18	18	23
16	18	18	18	18	18	17	17	17	15	13	13	13	14	14	15	15	16	15	15	15	15	15	15	15	16
17	15	15	15	15	15	16	17	19	20	21	21	21	19	17	17	17	17	17	17	17	17	17	17	17	17
18	17	17	17	17	17	17	18	20	20	20	20	20	22	20	21	21	23	22	21	20	18	18	18	18	19
19	18	18	21	19	17	17	17	17	18	18	18	18	18	18	17	17	17	17	17	17	17	17	17	15	18
20	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	17	17	17	17	17	17	17	17	17	16
21	17	17	17	17	17	17	17	17	17	16	15	15	15	15	15	15	15	16	16	16	16	17	17	17	16
22	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	18	18	18	17
23	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	20	20	20	20	18	18	15	13
24	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	15	15	15	15	13	13	13	13	13	13
25	17	17	16	16	16	18	21	20	19	19	19	19	17	16	16	16	15	15	15	15	15	15	15	15	17
26	15	13	13	13	13	13	13	13	13	13	13	13	14	14	15	15	16	41	25	21	19	18	18	20	16
27	20	17	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	17	17	17	17	17	17	16
28	17	17	16	16	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16	16	16	16
29	17	17	17	16	16	16	16	17	17	17	17	17	17	17	17	17	17	17	17	18	20	19	19	19	17
30	16	16	16	16	16	16	16	17	25	29	26	21	20	20	20	23	25	25	28	35	35	33	33	41	24
31	35	27	27	21	21	19	18	18	18	17	17	16	16	15	15	15	18	19	19	19	17	17	17	17	19
MEAN	19	19	19	18	18	18	18	19	20	19	19	18	18	18	18	19	19	20	20	20	19	19	19	19	19

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - KING/RECTORY LONDON FAIR

NO 15001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL		DATA MISSING		
AUG		DATA MISSING		
SEP		DATA MISSING		
OCT	14	22	27	53
NOV	28	15	20	34
DEC	31	19	25	41
YEAR	73	18	27	53

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - KING/RECTORY LONDON FAIR

NO 15001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR		DATA MISSING							
APR		DATA MISSING							
MAY		DATA MISSING							
JUN		DATA MISSING							
JUL		DATA MISSING							
AUG		DATA MISSING							
SEP		DATA MISSING							
OCT	14	112	123	47	0	0	0	0	296
NOV	96	382	58	1	0	0	0	0	537
DEC	0	445	287	11	0	0	0	0	743
YEAR	110	939	468	59	0	0	0	0	1576

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN
		10	30	50	70	90	95	98	99		
71	6	11.6	14.5	16.6	19.8	24.6	28.2	32.8	35.8	53	18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14	12	11	11	10	10	9	9	8	9	9	9	6	9	9	9	8	8	8	8	9	10	10	11	12	****
15	12	14	11	10	10	9	8	8	7	****	****	6	****	****	****	6	8	11	10	13	13	13	14	13	10
16																									
17																									
18																									
19																									
20																									
21	8	11	12	13	14	15	12	12	11	11	11	7	9	10	10	11	12	13	15	15	16	15	15	15	12
22	16	15	16	16	16	15	15	16	16	16	16	14	10	7	6	****	****	****	****	****	****	6	7	7	13
23	****	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24																									
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	6	****	****	****
26	****	****	****	****	****	****	****	****	****	****	****	7	****	****	****	****	****	****	****	****	****	****	****	****	****
27																									
28																									
29																									
30																									
31																									
MEAN	12	11	11	12	13	12	11	11	11	11	11	8	9	9	8	8	9	11	11	12	11	9	11	11	11

PERCENTAGE OF DATA VALID - 12

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9	****	****	****	****	****	****	****	****	****	****	****	****	7	9	11	11	13	15	16	15	13	12	11	9	****
10	9	10	8	9	7	7	8	8	8	7	8	9	10	10	12	13	15	14	16	17	17	16	15	15	11
11	13	13	10	10	9	7	6	****	****	****	6	6	7	9	10	13	16	20	22	24	24	20	19	19	16
12	13	11	9	6	****	****	****	****	****	****	9	11	14	17	19	21	25	29	31	33	31	28	24	23	20
13	17	15	12	9	7	6	6	6	7	8	11	12	14	16	18	19	20	21	21	21	21	19	17	17	14
14	18	14	15	13	12	11	9	7	7	9	****	****	****	18	18	21	26	30	31	29	28	25	21	18	18
15	17	15	12	11	10	10	10	9	11	13	15	17	19	22	21	23	25	25	26	25	18	13	11	11	16
16	11	10	9	7	7	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17																									
18																									
19																									
20																									
21																									
22	****	****	****	****	****	****	****	****	****	****	****	****	9	9	9	9	10	12	14	17	17	15	13	9	****
23	14	9	****	****	****	****	****	****	****	****	****	****	****	****	****	8	7	9	8	8	7	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	6	7	9	10	12	11	13	13	17	18	16	13	10	8	****
25	7	10	****	****	6	7	6	****	****	****	****	6	8	10	12	15	17	17	18	17	16	14	14	15	12
26	13	11	12	13	11	10	11	11	7	7	6	7	****	****	****	****	****	****	****	****	****	****	****	****	****
27																									
28																									
29																									
30																									
31																									
MEAN	13	12	11	10	9	8	8	8	8	8	9	10	11	13	14	15	17	19	20	20	19	16	16	14	14

PERCENTAGE OF DATA VALID - 29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	7	9	10	11	9	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	12	15	18	19	17	12	9	6	***
7	***	***	***	***	***	***	***	***	***	***	***	***	6	7	9	12	17	22	23	22	23	19	14	7	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	9	7	***	***	***	***	***	***	***
9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	9	12	14	14	14	11	10	10	***
10	8	7	6	***	***	***	***	***	***	***	***	***	***	8	11	12	10	9	7	***	***	***	***	***	***
11	***	***	***	***	***	***	***	***	***	***	***	***	15	18	20	20	23	26	22	20	18	13	10	7	***
12	***	***	***	***	***	***	***	***	***	7	8	9	16	18	19	15	13	11	11	13	12	13	22	18	***
13	16	11	9	8	8	7	***	***	9	11	14	15	16	19	14	15	17	17	18	19	19	19	18	16	14
14	10	7	7	7	9	7	7	7	8	11	***	8	6	9	10	13	15	18	17	17	18	17	17	16	11
15	17	16	13	13	13	11	10	10	9	10	13	15	18	20	21	21	23	25	24	24	24	24	22	17	17
16	12	11	9	8	7	7	***	***	***	***	***	***	6	8	9	9	7	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	13	7	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	8	8	10	18	11	12	11	13	9	14	16	***
19	15	***	***	***	***	***	***	***	***	***	7	7	7	9	11	13	12	11	10	8	7	6	6	***	***
20	***	***	***	6	7	7	***	***	***	***	***	8	11	13	13	11	9	10	11	12	12	10	9	8	10
21	7	7	7	6	***	***	***	***	***	***	***	***	6	9	12	13	14	18	17	13	12	10	8	9	11
22	8	7	9	8	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
31												- DATA MISSING -													
MEAN	12	9	9	8	8	8	9	9	9	10	11	10	11	12	12	12	14	14	15	15	15	14	13	12	12
PERCENTAGE OF DATA VALID - 29																									

PERCENTAGE OF DATA VALID - 29

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3	***	***	***	***	***	***	***	***	***	***	***	***	8	8	9	11	9	9	9	9	8	8	7	6	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	7	7	8	13	13	17	***
5	19	15	12	9	8	6	6	6	6	6	6	6	***	***	***	***	16	17	28	25	9	10	10	11	9
6	11	10	12	12	9	6	***	***	***	6	9	11	13	13	12	14	16	17	28	25	21	19	17	22	14
7	13	11	11	13	13	9	8	9	10	10	11	13	15	15	19	25	20	17	15	18	21	18	16	14	14
8	14	14	13	13	13	14	13	13	15	13	12	11	10	11	11	12	13	14	14	15	15	15	14	13	13
9	11	11	12	13	15	15	***	***	***	***	***	***	***	***	***	9	11	14	15	26	20	20	19	18	***
10	17	15	15	14	13	13	10	9	9	7	***	***	***	***	***	7	6	***	***	***	***	***	9	9	***
11	9	9	6	7	11	10	10	9	9	8	***	***	***	***	6	7	10	15	17	16	15	18	18	18	11
12	18	21	19	22	23	22	25	17	12	11	11	11	11	12	14	17	19	25	27	28	28	27	25	23	20
13	21	22	23	21	20	19	17	18	17	15	16	16	16	16	17	17	17	17	17	18	19	20	21	21	18
14	21	21	21	22	23	22	21	20	19	18	17	17	17	16	15	10	11	12	13	13	13	14	14	14	17
15	13	13	13	13	13	14	16	18	16	16	16	16	17	17	17	18	18	19	21	25	23	21	21	21	17
16	21	21	21	21	21	23	27	27	26	25	25	26	25	25	26	28	30	32	35	36	36	36	36	37	28
17	37	37	37	37	36	36	36	36	33	32	32	32	32	35	37	38	37	37	36	36	37	37	37	37	36
18	37	37	36	36	35	35	36	37	37	35	34	***	7	10	13	10	10	12	15	14	13	13	15	19	24
19	18	21	21	21	22	23	24	25	21	17	16	16	16	16	17	18	19	19	21	24	26	28	29	31	21
20	32	31	31	33	31	32	33	33	28	28	26	24	24	25	24	23	24	36	32	33	37	34	33	31	30
21	29	28	25	24	23	22	22	23	22	22	21	21	23	24	27	29	31	33	34	34	34	34	34	33	27
22	33	32	31	31	31	31	31	30	29	29	29	30	30	31	33	34	33	35	35	35	36	37	37	37	32
23	38	39	39	39	39	41	43	43	43	43	45	44	***	***	16	20	20	16	16	16	16	15	16	16	30
24	17	17	18	17	18	18	17	17	16	15	15	16	17	19	21	25	27	27	25	23	23	20	19	19	19
25	22	22	22	22	22	23	25	27	35	27	27	27	25	23	24	27	28	30	32	33	34	36	37	37	28
26	36	65	41	39	37	34	31	29	29	28	28	28	25	23	22	22	25	25	23	23	23	20	19	19	29
27	19	19	20	21	23	25	26	26	27	27	27	26	23	27	25	25	22	21	23	25	25	26	29	29	24
28	31	31	31	31	31	31	31	31	31	31	31	29	29	30	28	27	27	30	32	19	17	16	16	16	21
29	18	19	18	18	17	16	15	15	15	***	***	***	29	25	23	22	22	22	22	22	22	22	27	25	21
30	23	23	23	23	25	23	23	23	23	22	22	21	21	21	21	22	25	25	25	25	25	25	26	26	23
MEAN	22	23	22	22	22	22	23	23	22	20	22	22	20	20	20	20	20	21	22	22	22	22	22	22	22

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	29	29	29	29	28	28	28	28	28	28	27	26	27	31	34	33	33	33	33	33	33	36	40	39	31	
2	41	40	40	40	40	40	40	39	37	36	35	34	34	33	33	33	33	33	31	28	28	28	28	28	35	
3	28	29	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	33	33	33	32	
4	33	33	32	32	32	33	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	33	33	34	32	
5	35	37	37	37	37	44	49	43	39	38	37	35	34	37	36	36	37	37	37	37	36	41	42	****	38	
6																										
7																										
8	****	****	****	****	****	****	****	****	****	****	****	17	12	15	15	19	22	49	30	31	31	31	30	33	****	
9	27	23	21	20	19	18	16	15	14	13	13	12	11	10	9	9	10	11	12	12	13	13	13	13	14	
10	11	10	10	9	9	8	7	7	7	7	7	7	7	7	6	6	****	****	****	****	6	7	8	10	11	8
11	12	16	14	13	13	13	13	14	13	11	10	8	7	****	****	****	****	****	****	****	****	6	7	7	11	
12	11	6	21	6	45	28	13	11	11	8	7	7	6	7	7	8	8	8	8	8	9	13	10	9	11	
13	10	11	13	15	14	14	15	15	15	14	12	11	9	9	10	11	12	14	18	17	14	15	15	15	13	
14	79	53	15	9	7	7	8	7	8	8	6	12	12	13	12	13	9	9	11	12	15	17	16	17	16	
15	18	18	19	19	19	19	19	19	19	20	20	20	19	19	19	18	18	18	18	19	20	21	17	19	19	
16	21	23	23	24	25	25	27	25	23	23	25	25	23	21	22	20	17	17	18	19	20	22	23	25	22	
17	27	28	28	30	29	29	29	28	29	21	18	15	14	13	12	11	11	10	12	12	16	19	20	21	20	
18																										
19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
20	14	15	15	17	18	19	23	27	23	17	11	9	8	7	7	8	8	10	12	12	13	14	14	14	****	
21																										
22	****	****	****	****	****	****	****	****	****	****	****	****	****	21	19	18	18	18	18	17	16	16	15	15	****	
23	15	15	15	15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
MEAN	26	24	23	22	24	24	23	23	22	21	19	19	18	19	18	19	20	21	22	20	20	21	21	21	21	

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION

NO 16001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	16	16	18	19	18	18	18	18	17	18	18	18	16	16	16	15	****	10	10	10	10	11	11	11	15
3	11	11	13	13	13	13	12	12	13	12	14	21	11	9	9	9	9	9	10	10	10	10	9	9	11
4	6	6	6	6	7	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	7	****
5																									
6	****	****	****	****	6	7	7	7	7	7	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	****	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8																									
9																									
10																									
11																									
12																									
13																									
14																									
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24																									
25																									
26																									
27																									
28																									
29																									
30	****	****	****	****	****	****	****	****	****	****	****	****	12	10	9	9	12	13	13	17	17	18	17	18	****
31	17	19	19	18	17	17	18	21	19	17	16	16	15	15	14	14	13	12	12	13	13	14	15	16	16
MEAN	13	12	14	14	12	12	14	15	14	14	14	18	14	13	12	12	11	11	11	13	13	13	12	12	13

PERCENTAGE OF DATA VALID - 13

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SIMCOE HORTICULTURAL STATION NO 16001
POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	9	11	13	16
JUN		DATA MISSING		
JUL	13	14	20	33
AUG	18	12	17	26
SEP	28	22	36	65
OCT	19	21	38	79
NOV		DATA MISSING		
DEC	7	13	16	21
YEAR	94	18	38	79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR		DATA MISSING							
APR		DATA MISSING							
MAY	51	45	0	0	0	0	0	0	96
JUN		DATA MISSING							
JUL	82	100	30	4	0	0	0	0	216
AUG	101	99	21	0	0	0	0	0	221
SEP	66	205	212	121	1	0	0	0	605
OCT	71	136	71	106	1	0	0	0	385
NOV		DATA MISSING							
DEC	34	63	2	0	0	0	0	0	99
YEAR	405	648	336	231	2	0	0	0	1622

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
36	6	7.0	11.0	15.4	21.1	31.8	35.5	38.2	40.7	79	18

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	6	6	6	7	7	8	8	8	***	***	***	***	10	11	12	14	14	15	14	***
2	12	12	14	16	20	18	20	27	28	***	20	20	14	15	15	14	23	20	19	20	16	16	16	16	18
3	18	19	20	17	16	16	15	14	17	16	16	16	16	16	18	18	16	17	17	17	18	17	17	17	17
4	18	16	16	16	16	16	16	16	16	16	17	19	19	19	17	18	17	17	17	18	18	18	19	19	17
5	16	16	16	16	17	17	18	19	16	16	16	16	12	12	13	13	18	18	12	13	18	20	17	17	16
6	13	13	12	12	12	12	12	16	20	14	16	17	9	8	8	9	16	17	13	***	32	32	32	32	32
7	33	32	32	32	32	33	37	40	40	39	39	32	29	28	25	28	34	33	32	33	32	32	32	32	33
8	32	32	32	32	32	32	34	37	36	37	36	34	33	***	20	21	24	20	20	20	18	20	20	20	28
9	20	20	20	20	20	20	20	21	21	21	21	21	***	22	23	24	25	24	24	24	24	24	24	23	22
10	21	20	20	20	20	20	20	20	21	21	21	22	22	24	23	23	24	24	24	24	24	24	24	24	22
11	24	24	22	20	20	20	20	22	23	24	24	24	26	26	26	28	28	28	26	36	33	29	25	25	25
12	20	20	20	20	20	20	25	35	36	***	32	30	28	28	***	32	38	34	34	26	28	28	32	26	28
13	25	24	24	24	24	24	22	20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	18	20	19	16	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	20	20	16	17	18	24	26	26	24	24	20	24	24	24	26	25	22
16	22	50	18	16	20	32	40	42	48	42	40	38	32	28	26	22	26	26	24	25	28	32	32	32	31
17	32	32	30	28	28	28	28	30	32	32	29	26	26	24	24	26	***	24	26	24	24	24	24	24	27
18	24	24	24	24	23	23	22	21	20	21	21	24	26	26	26	26	26	26	28	32	36	32	32	29	26
19	28	27	26	26	28	28	24	24	36	36	32	34	34	36	***	20	20	22	22	22	24	20	16	16	26
20	16	16	14	12	12	10	12	16	18	17	20	18	20	20	20	22	24	24	25	22	22	20	20	20	18
21	18	18	16	14	16	12	14	17	20	18	18	20	26	28	28	28	28	30	29	28	28	24	20	22	22
22	20	20	18	20	22	22	24	24	28	***	52	52	32	***	***	28	28	24	20	20	20	20	20	20	25
23	19	20	20	20	20	22	24	24	24	24	24	***	28	28	***	22	20	20	24	20	20	16	18	22	22
24	18	17	12	12	12	12	14	16	16	20	18	20	28	28	28	30	30	29	28	26	22	22	22	24	21
25	28	28	30	30	32	36	40	40	37	30	30	34	35	36	36	38	33	32	32	33	32	32	29	33	33
26	28	28	28	28	28	28	24	22	***	20	18	20	20	20	18	20	20	20	20	20	21	21	22	22	22
27	20	24	24	24	24	26	30	36	40	40	40	40	40	40	41	42	42	48	46	44	44	44	42	42	37
28	40	42	44	44	44	44	46	48	***	26	26	26	26	27	***	56	45	42	36	24	20	20	20	20	35
29	20	20	20	20	20	20	20	24	26	26	26	26	24	24	24	24	24	26	24	24	24	24	24	20	23
30	22	20	20	20	20	20	20	20	20	20	20	22	22	22	24	24	25	25	26	26	24	26	26	26	23
31	24	24	24	24	24	24	24	24	26	26	26	24	26	24	24	24	24	24	26	26	24	24	24	24	25
MEAN	23	24	22	22	22	22	23	25	26	24	25	25	24	24	23	25	26	25	24	24	25	24	24	23	24

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	24	24	24	24	24	24	24	24	24	26	26	26	24	26	26	22	14	***	***	***	***	***	24
2	***	***	***	***	***	***	***	***	***	***	36	44	40	34	34	40	32	32	32	28	26	26	26	24	***
3	26	24	24	26	24	26	26	26	26	26	26	26	26	26	26	24	24	28	30	30	28	26	26	26	26
4	30	30	28	28	28	28	30	32	32	32	30	30	30	30	34	34	34	36	34	33	32	32	30	32	31
5	30	28	28	28	28	28	30	30	32	32	32	33	34	34	34	22	28	28	28	26	26	26	26	29	29
6	26	26	26	24	24	24	24	28	28	26	24	22	22	22	***	26	28	28	28	26	24	24	22	22	25
7	22	22	22	22	20	20	20	21	22	22	22	22	24	26	24	26	26	28	30	32	32	36	35	37	26
8	32	35	36	32	30	28	28	30	32	32	32	30	28	30	30	28	26	24	22	22	22	22	24	24	28
9	26	24	20	20	18	20	20	20	20	20	20	20	20	36	36	38	40	40	40	40	40	41	40	40	29
10	40	40	40	40	40	40	40	40	40	40	40	48	44	40	40	40	40	38	36	43	36	37	36	36	40
11	36	32	32	32	32	32	32	32	30	30	28	30	28	28	28	28	28	28	30	30	30	30	28	28	30
12	28	28	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	26	25	26	26	26	26	28
13	***	***	***	***	***	***	***	***	***	***	40	40	40	48	48	48	48	48	52	52	52	52	51	48	***
14	48	48	48	48	48	48	48	48	52	52	50	52	52	50	52	52	50	52	52	52	54	52	52	52	51
15	52	52	52	52	52	52	52	50	16	16	16	16	12	12	12	16	16	20	22	20	20	18	16	16	28
16	12	12	12	12	12	14	14	16	18	20	16	16	12	12	12	16	44	60	40	24	22	22	20	22	20
17	20	20	20	20	20	20	20	20	20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	- DATA MISSING -													- DATA MISSING -											***
19	- DATA MISSING -													- DATA MISSING -											***
20	***	***	***	***	***	***	***	***	***	***	20	17	16	14	12	16	16	18	16	16	18	16	16	16	***
21	18	16	16	16	16	16	16	16	20	20	20	20	20	18	16	17	16	16	16	14	16	14	14	12	17
22	12	12	12	12	12	12	12	10	10	10	10	12	12	12	10	10	10	10	10	10	10	10	10	10	11
23	8	8	8	9	9	10	10	10	10	10	14	16	17	17	***	***	***	16	12	13	16	12	12	12	12
24	9	9	9	10	10	10	10	11	12	12	12	14	15	15	***	16	16	18	20	18	18	18	17	16	14
25	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	16	16	16	20	16	16	16	16	16	14
26	16	16	16	16	16	16	16	18	36	28	20	20	16	16	18	20	20	22	24	24	20	20	20	16	20
27	16	16	16	16	16	16	17	20	20	20	20	20	20	19	***	24	20	20	20	20	20	20	20	20	19
28	20	20	20	20	20	20	20	20	22	22	22	22	21	20	20	20	21	21	23	24	24	26	26	26	22
MEAN	24	24	24	24	23	24	24	26	24	25	25	25	25	26	26	27	28	27	26	27	26	26	26	25	25

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	32	32	28	26	28	28	30	29	29	27	24	24	24	24	24	20	20	24	24	24	24	24	24	26
2	24	24	24	24	24	24	24	24	30	33	24	24	28	28	28	28	28	28	28	28	28	27	27	28	27
3	28	27	27	27	24	25	26	27	26	28	28	28	27	27	27	27	27	27	26	26	27	26	26	26	27
4	25	26	24	26	32	30	30	32	12	13	32	14	40	40	42	40	36	36	36	36	36	36	36	37	34
5	36	37	37	36	33	32	32	34	14	35	33	32	24	25	25	24	25	23	23	20	20	24	25	24	29
6	24	24	20	24	28	28	30	25	27	24	24	24	24	24	24	24	24	24	25	27	27	28	26	28	25
7	24	24	24	24	24	24	23	20	20	20	20	20	22	23	24	23	23	23	24	24	24	24	24	21	23
8	20	20	20	20	20	20	22	24	24	24	24	24	24	24	24	24	26	24	26	29	31	24	***	***	24
9	***	***	***	***	***	***	***	***	***	***	22	20	18	22	20	20	22	22	24	24	24	24	24	24	***
10	24	24	24	24	24	24	25	28	***	18	20	24	24	25	29	24	26	26	26	26	26	26	26	26	25
11	26	25	26	26	25	25	25	26	30	28	26	28	26	26	26	26	28	28	28	29	29	29	28	28	27
12	28	28	28	26	26	26	27	30	30	26	26	30	32	32	32	32	32	32	32	30	28	28	28	26	29
13	26	26	26	26	28	28	28	34	33	28	24	22	21	21	28	26	28	26	28	28	28	28	28	28	27
14	28	28	26	25	24	26	26	25	25	24	24	24	24	27	28	28	28	28	28	28	30	30	31	32	27
15	32	32	32	31	29	28	28	30	28	24	31	30	32	32	30	29	30	30	28	27	26	27	27	26	29
16	24	26	26	25	25	25	26	26	***	20	20	21	25	27	26	27	28	28	28	28	28	28	28	28	26
17	28	28	28	28	28	28	29	30	32	30	30	28	28	29	28	27	27	26	27	28	30	32	35	40	29
18	40	40	36	35	35	36	36	38	37	36	32	32	31	32	31	31	***	34	34	33	33	32	30	34	
19	31	32	32	32	30	30	30	31	32	32	32	30	28	28	28	28	28	28	28	30	36	38	33	31	31
20	32	32	32	31	31	31	30	31	30	28	31	35	34	26	22	22	24	26	24	22	22	20	20	20	27
21	20	19	19	18	18	18	17	18	20	20	20	24	24	24	24	24	27	28	28	28	26	24	28	34	23
22	28	28	29	28	28	28	30	30	28	27	27	27	26	28	27	28	27	27	28	27	28	28	27	28	28
23	25	24	24	24	26	26	26	28	32	20	20	22	18	17	17	20	17	18	20	17	18	16	16	17	21
24	16	16	16	16	16	18	14	***	20	20	14	15	16	16	16	16	20	20	20	20	20	20	20	20	18
25	20	20	20	20	20	20	20	22	24	24	20	22	24	24	24	20	24	24	25	26	21	24	20	20	22
26	20	20	20	18	18	20	20	20	22	24	24	24	24	28	32	28	28	26	24	24	24	24	24	24	23
27	20	20	20	22	24	24	24	24	24	25	25	25	28	28	26	28	28	28	30	30	29	28	28	28	26
28	28	27	28	28	26	26	28	28	30	32	32	32	31	31	28	28	28	28	30	30	30	32	32	32	29
29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	30	30	32	34	33	32	29
30	32	32	30	30	32	32	33	36	36	34	33	32	32	32	32	32	34	34	34	32	32	32	32	32	33
31	36	36	36	36	35	36	36	36	12	14	16	18	20	20	16	16	14	13	13	12	13	12	14	14	22
MEAN	27	27	26	26	26	26	27	28	28	26	25	26	26	26	26	26	26	26	27	27	27	27	27	27	27

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	12	16	20	19	16	12	18	22	20	17	16	13	13	12	10	12	12	12	12	12	12	12	12	12	14	
2	12	12	10	12	12	12	15	16	12	20	17	17	18	18	16	16	18	18	12	12	8	8	8	8	14	
3	8	8	8	8	8	8	9	12	12	12	12	13	13	13	13	14	16	16	16	16	16	16	16	16	12	
4	16	16	16	14	13	13	13	14	14	14	16	16	16	14	14	16	14	16	16	16	16	16	16	16	15	
5	16	16	16	16	16	14	13	13	13	12	12	12	12	12	12	12	12	12	12	13	13	12	12	16	13	
6	14	9	11	12	12	12	16	14	16	12	14	14	9	11	14	14	16	12	12	11	12	12	14	15	13	
7	12	13	11	11	11	11	12	13	***	11	11	10	10	10	10	11	11	12	11	11	12	10	10	9	9	11
8	9	8	9	9	9	9	10	10	10	10	10	10	10	10	11	11	16	17	16	16	15	14	13	11	11	
9	11	11	9	10	10	10	12	11	10	10	10	11	10	12	14	17	16	15	15	15	15	14	14	14	12	
10	13	12	11	11	10	11	12	13	18	14	15	15	13	11	13	13	14	15	14	14	14	14	14	15	13	
11	14	14	14	14	14	15	14	14	14	15	15	15	14	15	14	16	16	17	17	18	17	17	17	16	15	
12	16	16	16	16	16	16	16	16	16	17	16	16	16	17	17	16	15	16	18	18	19	16	17	16		
13	18	18	17	18	18	19	22	20	***	12	16	14	10	12	12	14	12	12	12	13	12	12	13	16	15	
14	16	16	16	16	16	14	14	16	16	16	16	16	16	16	20	20	21	24	22	23	24	26	28	30	19	
15	30	30	36	30	36	24	21	20	20	20	20	22	24	24	24	24	22	22	24	26	28	30	29	28	32	
16	32	32	30	34	36	40	44	40	30	26	26	26	24	24	24	26	32	32	30	28	28	30	36	36	31	
17	34	41	60	52	32	28	32	32	24	22	24	26	30	32	32	32	32	30	28	28	28	28	28	28	32	
18	27	26	24	24	24	26	26	21	20	20	20	20	20	22	24	26	24	24	24	24	22	20	20	20	23	
19	24	24	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	18	20	20	20	
20	17	16	18	18	16	18	24	28	28	28	24	20	20	20	20	20	22	24	25	36	28	24	24	26	23	
21	28	30	25	24	24	26	28	36	30	26	24	24	24	24	24	24	24	26	26	26	25	25	24	24	26	
22	24	24	24	24	24	24	26	28	28	27	28	27	26	27	28	28	30	32	29	32	32	32	32	33	28	
23	34	32	29	28	28	27	28	28	32	36	30	32	32	32	31	32	34	36	36	36	36	36	36	38	32	
24	36	38	37	36	34	36	38	36	35	16	20	36	28	28	20	20	20	20	24	28	24	20	20	20	28	
25	18	16	16	16	16	16	16	18	18	20	20	20	20	20	20	20	22	24	22	22	24	24	24	24	20	
26	23	20	20	20	20	20	20	20	20	24	24	24	26	26	28	28	28	28	29	34	34	32	40	36	26	
27	33	28	30	32	29	28	28	26	22	26	31	32	36	36	37	36	36	36	36	40	40	40	47	56	34	
28	60	60	50	44	48	46	40	40	44	44	42	40	38	36	38	48	49	40	44	48	48	44	42	45		
29	40	36	40	40	38	37	36	***	***	30	32	32	34	37	36	37	36	36	36	38	46	68	88	72	42	
30	54	43	38	36	36	39	40	38	28	24	28	20	29	25												
MEAN	23	23	23	22	21	21	22	22	21	20	20	20	20	21	21	22	22	22	22	23	23	24	25	25	22	

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH MAY 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	28	24	20	17	19	20	20	20	22	20	20	20	22	22	24	23	20	20	20	20	19	18	18	20	21	
2	20	18	16	16	16	16	20	20	20	20	20	20	20	18	20	20	19	19	20	20	20	20	20	20	19	
3	19	17	17	16	16	16	18	19	20	20	19	20	19	18	18	20	20	20	20	20	20	20	18	19	19	
4	19	18	20	20	20	20	24	21	20	20	20	23	20	****	12	12	14	12	12	12	12	13	16	14	17	
5	10	10	8	9	8	8	15	18	16	16	16	14	13	12	12	16	16	16	16	16	16	16	16	14	14	
6	12	12	16	12	16	12	12	13	12	12	13	14	14	14	16	16	16	16	16	16	16	16	12	12	14	
7	12	12	12	10	10	12	14	14	12	12	12	12	13	10	9	12	12	12	12	13	13	12	12	12	12	
8	10	8	8	8	12	19	17	16	28	32	29	26	28	28	20	21	20	20	16	16	21	20	19	16	19	
9	12	13	16	19	16	22	22	16	16	16	16	14	16	14	14	12	12	12	12	12	16	13	13	10	15	
10	10	10	14	13	13	13	12	20	28	22	16	12	12	12	12	12	10	12	13	14	12	8	8	8	13	
11	8	8	8	8	8	14	16	****	20	20	20	24	32	33	26	24	24	22	20	20	22	22	22	22	19	
12	20	20	20	20	20	20	20	20	18	18	16	16	20	20	21	24	17	17	17	17	20	26	26	26	20	
13	24	26	24	24	28	24	21	30	27	28	25	32	28	32	38	37	28	22	20	20	21	20	20	17	26	
14	16	18	18	17	18	18	20	22	20	20	20	16	16	17	21	21	18	20	26	25	22	20	20	20	20	
15	20	16	16	16	16	18	20	21	20	20	20	20	****	21	24	28	20	12	12	12	12	19	18	19	18	
16	14	18	17	22	19	12	21	20	15	17	16	17	12	14	13	17	17	16	13	12	12	12	12	12	15	
17	12	8	8	8	8	10	9	8	8	10	8	8	8	8	8	10	8	8	8	8	12	12	12	12	9	
18	8	8	8	8	8	9	8	8	8	8	9	8	9	9	8	10	12	12	12	12	12	12	12	10	10	
19	8	8	8	8	8	13	14	13	16	18	17	17	16	17	18	17	16	17	16	16	16	17	14	13	14	
20	12	12	12	13	16	14	18	19	19	13	21	21	24	19	19	19	16	16	20	21	22	24	36	21	19	
21	24	20	18	20	21	32	25	24	22	20	22	20	25	24	27	29	21	24	26	27	28	38	72	36	27	
22	17	13	12	12	12	18	20	21	16	16	17	20	18	12	12	13	12	13	16	20	17	17	16	13	16	
23	12	12	10	10	12	12	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
24	****	****	****	****	****	****	****	****	22	20	20	24	28	21	21	16	20	20	16	12	11	8	8	8	7	17
25	6	****	6	6	8	9	10	10	8	8	8	8	8	8	10	10	10	8	8	8	8	8	9	8	8	
26	6	6	6	6	6	8	9	8	8	10	8	8	8	10	9	10	10	9	9	12	16	21	16	14	10	
27	17	13	10	10	12	12	12	14	16	14	15	12	16	16	16	19	18	14	14	13	13	13	13	10	14	
28	13	18	17	16	19	14	12	12	12	12	12	12	13	14	17	17	16	17	16	16	18	14	20	20	15	
29	19	36	24	22	19	20	20	12	12	12	12	14	14	16	18	17	16	17	13	16	18	23	24	30	19	
30	20	14	10	10	10	10	10	10	10	10	9	10	9	10	10	10	8	8	9	10	9	10	12	9	10	
31	20	14	10	10	10	10	10	10	10	10	9	10	9	10	10	10	8	8	9	10	9	10	12	9	10	
MEAN	15	15	14	14	14	15	16	17	17	17	17	17	17	17	17	18	16	15	15	16	16	17	19	16	16	

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	8	10	15	16	****	14	16	16	16	18	18	40	20	16	17	16	16	14	16	14	12	15
2	12	8	8	8	12	14	20	20	18	16	12	14	12	16	16	16	14	12	12	12	12	10	10	13	
3	12	10	10	10	10	10	10	12	12	****	16	16	18	19	20	20	24	22	24	24	24	24	26	24	17
4	24	24	24	20	20	20	20	20	24	20	18	17	17	12	17	20	18	16	16	12	27	34	20	18	20
5	16	13	12	16	13	16	18	18	16	16	14	13	16	14	16	17	16	16	18	16	14	12	12	16	15
6	12	12	12	12	12	12	12	12	12	12	14	14	12	12	16	14	16	10	15	15	14	14	14	16	13
7	24	20	16	14	14	12	15	12	12	14	14	12	12	13	16	14	16	16	16	16	14	13	12	15	15
8	12	12	12	12	13	18	20	20	18	****	****	20	22	22	18	19	18	13	12	14	17	18	17	15	16
9	14	12	12	10	10	10	15	15	16	14	12	12	14	18	20	21	20	16	16	16	12	16	12	12	14
10	8	8	8	8	10	14	12	16	14	14	14	12	13	12	11	12	13	12	10	10	8	8	7	6	11
11	****	****	****	6	8	9	10	10	9	8	8	6	8	8	8	8	10	10	10	10	12	10	8	8	9
12	6	6	9	6	7	8	10	12	15	8	8	10	10	11	12	12	10	10	10	8	8	8	7	9	
13	7	9	8	10	10	12	14	10	7	6	6	6	8	8	9	8	8	7	6	9	9	9	12	10	8
14	10	14	11	12	10	14	10	7	6	6	6	6	6	6	8	7	6	6	7	7	8	12	10	8	
15	10	6	6	8	7	8	12	28	24	24	24	22	26	16	16	18	18	15	14	22	28	24	24	20	18
16	16	17	18	16	18	20	24	24	20	16	16	16	16	18	18	19	15	14	12	16	14	22	28	24	18
17	20	16	16	22	20	24	25	31	15	16	15	17	17	18	18	19	16	16	14	14	16	16	13	12	18
18	10	8	8	9	8	13	14	24	16	18	15	14	12	12	13	18	12	12	12	10	12	10	9	9	12
19	8	8	8	8	9	12	12	12	12	12	12	12	12	12	12	14	14	14	14	14	13	13	14	14	12
20	14	12	12	12	12	12	12	12	13	13	13	14	14	14	14	13	12	12	12	12	16	14	13	13	13
21	18	24	20	24	23	19	20	16	16	16	15	16	17	13	12	12	12	12	18	19	18	20	20	17	14
22	20	17	16	16	16	19	20	20	12	12	9	8	9	8	8	10	17	13	15	14	12	12	12	12	14
23	10	10	12	8	12	16	17	18	16	11	10	15	14	16	17	20	18	14	12	13	12	13	12	12	4
24	12	13	8	8	10	14	16	18	16	16	14	12	10	12	12	13	12	10	8	9	10	8	8	8	12
25	10	10	10	12	12	13	12	12	20	18	10	12	12	12	14	16	14	12	14	16	16	15	14	14	13
26	18	16	16	20	20	19	16	16	28	18	14	12	14	16	8	13	12	14	14	10	10	9	8	8	15
27	8	8	8	8	8	10	12	12	10	10	10	10	12	12	12	12	12	12	12	12	13	18	17	16	11
28	13	13	12	12	14	13	13	13	14	12	13	13	13	13	13	13	13	13	15	17	15	18	17	16	14
29	13	14	14	16	16	17	20	****	14	14	16	13	12	13	13	13	13	13	12	12	10	9	9	9	13
30	9	8	8	8	8	8	8	11	12	12	12	13	14	12	12	12	12	12	12	17	14	16	18	20	12
MEAN	13	12	12	12	12	14	15	16	15	14	13	13	14	14	15	15	14	13	13	14	14	15	14	13	14

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAHST

NO 29025

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	18	16	16	16	17	24	22	24	24	18	16	20	25	24	26	16	16	16	17	18	19	16	19
2	18	17	16	16	16	17	17	20	21	22	26	24	27	26	25	24	24	24	28	24	27	24	32	40	23
3	36	32	28	27	26	36	40	36	30	24	19	14	16	18	22	26	21	19	20	22	28	28	32	18	26
4	19	18	17	16	13	17	16	16	16	16	16	16	16	17	18	17	17	16	16	16	16	17	17	16	16
5	17	16	16	16	16	16	16	16	16	17	19	19	20	20	20	21	21	20	20	20	20	20	22	21	19
6	20	20	20	20	23	24	24	26	26	25	****	27	26	28	28	29	29	28	28	28	28	30	31	29	26
7	30	29	28	28	29	32	33	32	31	34	35	32	32	32	33	33	33	33	33	33	33	33	33	33	32
8	32	32	32	31	32	36	39	39	38	39	39	39	39	38	37	38	38	40	39	38	40	42	45	43	38
9	38	39	40	39	42	44	****	33	40	39	35	35	36	33	33	31	28	31	33	33	31	31	31	31	35
10	35	32	31	31	30	40	41	35	40	42	38	40	40	40	40	37	35	35	34	35	33	34	33	33	36
11	38	31	29	29	29	33	33	37	35	36	35	33	32	32	32	32	30	31	32	31	32	33	32	34	33
12	35	36	36	33	34	34	33	33	34	33	33	32	34	34	33	33	33	34	33	33	36	37	39	42	34
13	37	35	36	38	63	40	41	****	15	23	22	19	18	17	17	19	16	16	14	15	17	16	14	14	24
14	16	16	14	13	21	24	24	21	19	19	19	18	18	21	22	21	20	24	16	14	13	12	12	14	18
15	14	14	12	12	12	17	14	17	14	14	14	15	16	15	15	14	13	13	13	****	13	13	11	11	14
16	12	11	****	****	11	12	14	13	13	14	13	13	17	18	21	20	21	20	18	18	21	22	20	20	16
17	21	20	17	20	21	22	22	23	22	21	21	20	24	24	22	22	23	21	24	24	22	21	20	20	22
18	21	21	24	19	18	19	18	18	20	19	18	20	20	21	22	22	22	21	21	21	21	19	18	18	20
19	21	21	20	20	22	22	19	19	19	21	20	20	21	22	23	22	21	21	21	23	27	32	31	20	22
20	21	20	19	17	20	25	27	27	26	23	22	23	26	26	24	22	20	20	20	20	19	19	20	19	22
21	19	20	19	19	19	20	22	21	21	22	21	23	22	****	14	15	14	14	15	15	17	19	20	17	19
22	16	16	14	14	14	16	19	12	9	8	7	6	9	9	10	10	9	11	11	12	14	13	16	17	12
23	18	22	27	19	21	26	23	18	18	34	16	11	11	11	11	11	9	9	9	8	8	8	8	8	15
24	13	11	11	11	14	22	15	15	15	15	14	14	16	15	14	14	11	10	10	10	15	20	28	11	14
25	11	11	11	11	8	9	10	10	10	10	9	8	9	9	9	9	9	10	10	10	10	10	10	9	10
26	10	10	10	9	9	9	9	8	8	8	10	6	8	10	9	9	9	10	10	10	11	10	9	9	10
27	9	8	8	8	9	10	12	11	11	12	11	9	9	10	12	14	11	9	9	9	8	8	7	7	10
28	7	7	****	6	6	9	10	10	10	10	10	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	10	12	15	15	20	20	15	****
30	11	9	7	6	6	7	10	8	8	8	9	10	9	12	11	11	9	9	7	7	7	8	****	****	9
31	****	****	****	****	****	7	9	13	12	12	10	8	9	9	11	11	11	9	6	8	11	11	11	11	10
MEAN	21	20	21	19	21	22	22	21	21	21	20	20	21	21	21	21	20	20	19	20	21	21	22	21	21

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAHST

NO 29025

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	6	6	6	6	6	6	6	6	****	****	****	****	****	13	13	21	21	12	9	9	8	9
2	8	8	8	19	15	11	9	10	9	9	9	****	****	6	6	6	****	****	****	****	****	6	6	6	9
3	6	6	6	6	6	6	6	6	6	6	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	6	6	6	6	6	6	6	****	****	8	****	****	****	9	8	6	6	6	6	****
5	10	10	10	10	9	11	18	12	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	16	16	16	16	16	18	18	16	29	****
7	27	26	26	19	20	31	33	24	14	14	12	10	10	10	8	8	9	10	14	25	25	30	25	24	19
8	23	17	14	12	18	33	26	15	17	14	12	10	10	10	8	9	10	10	10	10	10	11	11	10	14
9	11	12	10	10	10	10	10	10	10	10	7	7	7	8	9	8	8	8	8	8	8	8	8	10	9
10	12	12	14	19	16	35	18	25	20	14	17	18	17	19	20	21	21	22	23	23	23	29	32	41	21
11	38	28	23	24	24	30	33	31	29	18	19	27	25	25	25	23	21	22	22	24	27	25	25	25	26
12	25	24	24	24	25	27	27	27	26	26	26	28	27	25	25	25	25	25	25	26	26	26	25	26	26
13	26	22	22	22	22	23	28	30	29	29	26	25	23	23	23	23	25	26	26	26	26	25	24	23	25
14	25	25	24	25	26	32	33	29	26	26	26	21	19	22	25	25	20	23	25	22	20	19	19	19	24
15	19	19	27	20	20	20	20	20	20	20	20	20	20	23	26	23	22	22	22	22	22	22	22	22	21
16	22	22	22	18	18	18	18	18	18	18	18	17	17	17	17	17	16	16	17	19	26	24	19	17	19
17	17	17	17	17	15	18	22	21	18	18	18	18	17	17	17	17	17	17	17	17	20	22	22	21	18
18	24	24	21	21	19	24	31	25	19	19	19	19	20	20	23	23	22	22	22	20	20	20	20	20	22
19	18	20	20	22	25	32	34	25	22	32	25	23	25	30	24	28	21	20	21	18	15	18	14	14	23
20	14	14	14	13	13	18	21	21	20	18	18	17	18	18	18	14	16	18	17	17	17	20	21	19	17
21	18	17	17	17	17	21	23	22	20	****	12	15	17	17	17	23	23	20	19	19	19	22	23	24	19
22	28	54	44	33	33	39	42	35	41	31	27	27	20	27	24	24	25	27	29	31	32	30	33	31	32
23	28	26	21	22	22	22	25	25	23	24	23	23	23	25	27	30	29	34	31	35	36	38	30	30	27
24	30	33	34	35	34	35	45	47	52	49	49	21	21	27	24	24	24	24	24	24	24	27	25	23	31
25	24	27	24	27	27	32	34	35	32	29	29	29	31	32	32	32	31	31	31	30	30	27	27	25	30
26	25	25	25	25	25	29	32	32	32	29	22	24	24	24	24	26	26	27	28	25	23	24	24	26	26
27	39	27	22	22	22	24	28	32	29	27	27	30	33	35	35	40	38	39	37	41	40	43	72	47	35
28	47	31	28	28	28	32	35	35	35	****	24	23	21	21	21	25	22	25	25	23	23	23	23	23	27
29	23	23	23	24	25	28	28	30	30	27	27	37	37	33	28	28	33	36	36	42	39	32	29	33	30
30	33	39	32	32	34	36	36	29	37	32	32	32	34	36	28	27	27	27	24	25	28	27	27	27	31
31	29	31	33	32	36	43	40	24	24	24	23	24	24	25	26	27	27	29	31	32	30	34	32	32	30
MEAN	23	22	21	21	21	24	26	24	23	22	21	21	21	22	21	22	22	22	22	23	23	23	23	23	22

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	32	32	34	34	37	42	33	15	16	16	16	15	15	16	18	17	19	21	22	21	22	24	23	24
2	21	22	22	22	22	25	37	28	28	27	25	26	27	30	36	33	33	31	32	27	24	32	32	29	28
3	19	19	19	17	20	28	30	29	26	28	28	26	29	29	31	38	29	31	25	21	21	20	16	14	25
4	14	14	14	14	13	16	16	16	16	16	18	18	18	***	19	19	20	19	21	22	20	22	22	27	18
5	29	22	22	19	19	20	21	21	22	24	24	23	25	25	25	25	26	25	26	26	26	31	30	29	24
6	29	28	27	27	27	29	29	29	27	29	28	27	27	28	27	28	28	29	31	31	31	32	42	40	30
7	42	42	51	52	58	52	46	35	34	36	37	38	39	39	37	38	38	33	35	35	35	35	33	33	40
8	35	31	32	32	42	56	58	50	46	43	43	43	43	22	47	42	25	23	31	25	31	31	32	35	37
9	28	26	26	33	35	27	27	27	27	27	24	21	23	22	24	29	24	24	30	27	51	27	31	25	28
10	22	19	18	18	18	21	29	25	21	21	19	22	21	19	19	21	21	22	23	25	27	26	27	25	22
11	25	23	22	23	23	28	30	32	29	28	28	25	26	27	27	27	27	27	36	36	27	27	28	30	28
12	29	29	29	32	29	47	53	48	58	35	34	34	32	32	32	30	29	32	35	34	28	27	25	25	34
13	21	23	23	21	21	21	23	23	25	21	24	24	25	26	26	26	26	26	26	26	29	28	28	28	25
14	27	29	29	30	32	31	31	28	20	20	22	20	16	17	17	18	16	15	16	16	16	16	14	13	21
15	13	13	13	12	13	14	***	19	19	19	19	19	19	19	19	19	19	19	27	22	25	21	21	23	19
16	31	16	12	12	12	14	17	18	18	18	16	16	16	16	16	17	18	18	18	18	18	21	21	23	18
17	28	28	20	17	21	24	45	43	25	25	20	16	17	18	19	19	19	16	15	14	10	13	13	12	21
18	9	16	16	12	13	14	17	19	13	13	13	13	17	15	12	12	16	23	24	19	19	17	18	24	16
19	20	17	15	15	17	17	18	18	19	19	15	15	18	17	17	17	17	19	28	20	20	18	17	21	18
20	30	32	33	39	42	42	35	24	32	30	17	17	17	14	14	14	16	14	14	11	11	13	25	27	23
21	25	22	17	22	29	29	16	12	17	17	17	17	16	16	16	16	13	13	11	11	11	12	10	7	16
22	6	***	***	***	***	***	8	8	8	***	6	6	10	12	11	13	14	15	16	16	13	15	14	13	11
23	15	15	15	15	17	19	25	29	27	27	27	27	22	21	19	20	23	23	23	23	21	21	21	20	21
24	18	18	18	16	16	16	16	22	19	19	21	21	21	24	17	15	18	13	13	7	***	***	***	***	17
25	***	***	***	***	6	19	53	31	20	16	13	14	16	19	14	14	11	19	45	33	27	27	29	38	23
26	28	22	17	14	14	25	20	24	23	18	16	14	14	11	15	16	***	***	***	***	***	***	***	***	18
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	8	7	9	6	8	***
28	7	***	***	***	***	6	9	***	***	17	17	17	16	16	17	17	18	21	19	18	18	18	20	20	16
29	17	16	16	16	16	18	23	25	20	20	20	20	20	18	19	21	21	21	22	20	20	22	22	14	19
30	14	14	13	12	13	16	22	23	21	20	19	15	16	16	15	15	15	15	15	16	17	17	17	15	16
MEAN	23	23	22	22	23	25	28	26	24	23	22	21	21	21	21	22	21	22	24	22	22	22	23	23	23

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	15	15	17	19	18	18	16	16	15	18	21	24	32	24	23	26	44	55	52	38	42	25
2	75	41	32	27	28	22	31	25	21	18	19	17	17	18	17	18	18	20	19	15	12	12	12	23	
3	9	9	7	6	6	6	8	11	11	13	12	12	11	11	12	12	12	14	13	11	13	13	13	11	
4	13	13	13	13	13	13	13	14	13	13	13	15	16	15	16	16	16	17	19	20	31	25	24	24	17
5	21	19	18	21	23	27	30	37	35	30	28	25	27	28	35	37	33	30	29	27	28	33	31	33	29
6	23	23	40	17	16	19	18	***	17	16	16	16	17	20	20	22	19	23	22	23	26	32	35	28	22
7	22	22	23	30	23	35	29	46	39	33	29	33	32	33	34	38	38	37	36	56	37	41	44	44	35
8	48	38	34	34	30	39	61	***	52	51	50	44	43	40	42	41	37	37	38	38	38	40	41	48	42
9	41	41	43	43	45	61	61	97	71	48	44	45	46	42	41	41	38	37	55	52	48	73	79	***	52
10	- DATA MISSING -																								
11	- DATA MISSING -																								
12	- DATA MISSING -																								
13	***	***	***	***	***	***	***	12	9	10	7	***	7	9	9	16	16	16	7	***	***	***	11	16	***
14	13	22	22	7	7	7	16	26	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	11	13	12	11	12	11	11	11	11	13	11	12	15	15	15	12	
16	14	11	11	11	11	15	17	19	19	17	15	14	16	16	16	17	17	17	18	21	21	22	22	17	
17	23	22	19	15	16	18	21	21	20	22	25	22	20	20	19	17	14	15	16	15	15	15	13	13	18
18	13	13	13	13	13	13	13	11	12	11	10	10	10	10	10	10	12	13	13	15	13	13	12	13	12
19	13	15	17	17	17	21	23	***	***	***	***	***	29	29	27	31	30	35	34	32	36	41	44	37	28
20	35	36	35	37	44	60	70	68	63	56	70	54	44	43	41	30	24	30	26	27	27	27	21	21	41
21	19	20	20	19	19	24	27	27	27	27	28	39	46	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	34	42	31	32	25	20	20	34	36	33	33	26	26	25	25	25	28	29
23	28	34	27	26	26	27	27	27	21	23	24	12	24	27	23	31	46	43	62	28	15	16	20	28	
24	23	18	20	14	22	15	15	15	13	19	18	20	17	25	28	22	22	34	25	44	29	33	29	36	23
25	37	36	22	17	17	17	22	18	18	22	23	22	22	27	30	28	26	26	27	27	27	27	27	27	25
26	35	25	25	25	26	28	33	40	52	44	41	31	35	35	56	40	45	45	40	38	34	36	37	34	37
27	34	34	32	33	34	41	61	60	55	***	17	17	15	14	14	16	16	13	13	13	13	16	16	26	
28	15	14	13	12	12	13	20	30	27	20	19	17	17	14	14	14	14	20	25	26	30	42	44	28	21
29	21	15	14	13	14	15	20	33	26	20	17	17	18	18	20	18	19	18	19	23	23	22	21	15	19
30	13	13	11	11	11	11	12	23	26	23	21	20	20	20	21	21	33	29	24	19	21	19	21	20	19
31	17	12	12	11	11	10	14	19	16	17	14	14	18	18	15	15	16	22	19	22	16	12	10	10	14
MEAN	25	22	22	19	20	23	27	30	27	25	24	23	23	22	24	24	24	25	25	28	26	28	27	25	25

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	****	****	6	6	6	****	****	****	****	****	****	****	****	****	****	8	16	19	17	17	21	9	****
2	****	****	****	****	****	****	****	****	20	22	16	14	14	15	18	19	22	18	19	19	17	17	18	18	18
3	16	18	16	17	16	18	16	18	18	18	19	20	20	21	19	21	23	21	21	20	20	19	20	23	19
4	23	23	22	22	22	21	22	23	25	26	28	27	26	24	23	24	24	25	25	24	30	29	28	27	25
5	25	24	23	22	23	22	24	26	26	26	28	29	29	30	32	33	23	18	18	17	18	19	18	18	24
6	22	19	17	17	17	18	20	22	22	22	20	20	20	20	20	22	23	23	23	23	26	24	23	23	21
7	23	22	23	23	23	25	27	29	31	30	29	29	30	31	30	31	33	34	35	36	36	38	****	****	29
8																									
9																									
10	****	****	****	****	****	****	****	****	11	11	11	11	11	14	17	19	22	23	24	24	19	19	27	27	18
11	25	23	22	22	22	22	24	32	31	29	32	32	33	35	36	31	28	24	24	24	24	24	23	29	27
12	30	28	25	23	24	24	24	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13																									
14																									
15																									
16																									
17	****	****	****	****	****	****	****	****	12	8	7	7	****	****	****	****	9	14	11	9	9	13	12	13	****
18	20	20	24	18	9	7	12	21	14	18	17	****	****	****	****	****	8	13	17	17	7	7	7	****	14
19	****	****	****	****	****	****	****	9	11	9	8	8	8	8	8	11	22	23	17	19	20	22	22	26	15
20	24	20	15	10	9	6	10	14	15	7	7	7	7	****	9	10	10	10	8	8	8	7	7	7	10
21	12	13	13	15	16	18	21	23	25	25	26	26	24	24	22	21	25	25	26	26	30	30	32	32	23
22	29	31	23	20	21	20	18	15	16	16	16	15	13	12	9	8	8	8	8	8	8	8	8	8	14
23	9	9	9	9	9	9	10	12	****	****	16	16	16	14	14	14	14	15	15	15	15	15	15	17	13
24	17	17	17	17	17	18	21	25	31	31	53	30	30	30	30	31	33	35	35	37	33	33	33	33	29
25	32	32	32	30	31	31	32	34	35	40	40	40	40	40	40	40	45	42	40	39	40	40	40	38	37
26	41	42	42	42	35	38	48	50	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
27	****	****	****	****	****	****	****	****	19	19	19	19	20	24	23	22	23	24	22	21	19	18	20	19	21
28	20	28	27	27	28	24	21	21	20	19	19	27	28	30	30	30	26	23	23	23	23	23	23	28	25
29	28	25	21	21	20	20	20	20	20	21	21	21	20	22	22	22	22	19	16	14	14	16	17	20	20
30	20	22	23	25	30	34	37	42	42	18	21	19	12	8	10	10	16	28	28	31	27	43	54	53	27
MEAN	22	22	22	21	20	20	22	24	22	21	22	21	21	22	22	22	22	21	21	22	21	22	22	23	22

PERCENTAGE OF DATA VALID - 66

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST

NO 29025

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	12	10	9	6	8	12	30	32	34	36	38	34	31	34	32	27	24	14	12	10	8	6	6	20
2	***	***	***	***	***	***	***	12	12	13	14	14	15	14	15	16	17	18	21	20	19	18	18	18	14
3	17	18	18	18	15	17	22	27	36	29	24	28	23	19	19	16	14	12	11	11	10	10	7	8	18
4	7	***	***	***	***	***	***	6	9	15	17	18	19	23	22	23	27	29	26	25	23	23	25	26	20
5	27	30	29	30	29	29	31	29	31	33	34	29	24	24	24	24	20	19	18	18	16	15	13	12	25
6	11	10	10	10	9	9	10	13	15	18	20	21	23	24	25	27	27	28	28	28	26	26	23	21	19
7	19	21	25	28	30	30	33	32	34	22	22	22	19	19	19	23	41	36	27	28	29	30	34	35	27
8	32	28	24	24	24	24	29	28	25	30	29	32	30	30	31	33	49	39	36	30	28	28	31	28	30
9	25	23	23	23	20	20	24	24	24	20	20	20	20	21	21	24	25	25	23	23	22	22	22	22	22
10	22	22	22	22	22	23	25	27	28	28	27	25	25	34	39	41	34	34	34	32	33	30	30	27	28
11	27	27	30	30	30	29	29	29	28	28	26	27	27	27	26	26	26	28	28	28	26	26	26	26	27
12	26	25	27	27	25	27	27	27	27	30	30	30	30	30	32	27	27	26	28	28	28	28	26	25	28
13	23	23	23	23	23	21	21	23	27	28	28	25	23	23	23	26	26	26	25	25	24	24	24	24	24
14	23	21	22	22	22	23	25	28	31	29	29	29	27	32	32	32	53	42	28	24	28	38	47	52	31
15	56	62	57	54	54	56	56	59	17	16	12	12	10	10	10	10	9	10	15	12	12	14	14	14	29
16	16	17	18	18	18	10	10	9	25	25	19	21	21	17	17	17	23	19	16	13	13	12	10	10	16
17	9	7	7	***	***	***	10	10	8	7	7	9	8	8	8	10	21	13	8	12	11	11	11	11	10
18	11	11	11	11	11	11	11	13	13	13	13	13	15	22	22	28	28	28	28	23	19	16	16	16	17
19	11	11	11	11	7	6	6	7	7	10	10	10	10	10	10	10	10	10	7	9	10	10	10	10	9
20	8	8	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	***	***	***	***	***	***	***	***	***	22	19	19	15	16	12	9	9	8	6	6	6	6	6	6	***
22	8	7	7	7	7	***	***	***	***	***	***	***	***	***	***	***	6	6	6	6	6	6	6	6	***
23	6	6	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24																									
25																									
26	***	***	***	***	***	***	***	***	17	17	18	17	17	14	14	14	16	16	16	16	16	16	14	17	16
27	16	14	14	12	12	16	16	15	13	15	17	16	16	16	16	14	15	15	15	15	16	16	16	17	15
28	17	17	17	17	17	19	23	23	25	19	22	22	21	19	19	19	19	23	22	23	22	20	22	21	20
29	21	21	21	19	19	20	25	25	26	26	21	21	21	24	23	23	23	23	25	32	23	23	27	23	23
30	24	27	27	24	29	26	***	***	***	37	25	21	21	21	21	21	23	27	31	29	29	25	30	30	27
31	26	26	23	22	22	22	22	25	25	***	***	***	24	23	24	24	24	24	24	24	23	23	23	23	24
MEAN	20	20	19	20	21	21	22	23	24	22	22	22	21	21	21	22	24	23	21	20	19	20	20	20	21

PERCENTAGE OF DATA VALID - 81

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	24	37	56
FEB	26	25	51	60
MAR	31	27	34	42
APR	30	22	45	88
MAY	30	16	27	72
JUN	30	14	20	40
JUL	31	21	38	63
AUG	31	22	35	72
SEP	30	23	40	58
OCT	28	25	52	97
NOV	24	22	37	54
DEC	29	21	31	62
YEAR	351	22	52	97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	14	151	388	122	0	0	0	0	675
FEB	28	140	267	135	0	0	0	0	570
MAR	0	48	534	146	0	0	0	0	728
APR	45	290	245	133	3	0	0	0	716
MAY	139	339	201	12	1	0	0	0	692
JUN	184	447	78	3	0	0	0	0	712
JUL	113	240	197	150	1	0	0	0	701
AUG	97	133	337	110	1	0	0	0	678
SEP	22	264	277	109	0	0	0	0	672
OCT	28	244	179	147	13	1	0	0	612
NOV	64	128	214	73	0	0	0	0	479
DEC	97	160	294	56	1	0	0	0	608
YEAR	831	2584	3211	1196	20	1	0	0	7843

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89	6	9.8	15.5	19.8	25.2	32.8	38.1	44.7	51.4	97	22

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH JAN 70

70

STATION - 07 COLLEGE ST. ST. LOUIS, MISSOURI																										
STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	20	19	20	20	19	16	16	16	18	17	17	16	16	16	16	17	17	16	16	18	16	17	16	18	17	
2	18	12	12	12	12	12	12	18	20	33	32	27	28	28	29	32	26	38	38	42	40	36	36	38	26	
3	30	28	23	24	20	20	20	20	21	20	24	21	23	22	23	29	30	32	33	36	37	37	32	31	27	
4	26	24	24	22	20	20	21	21	21	21	22	22	21	21	21	24	23	21	21	20	20	20	20	22		
5	20	20	20	20	18	19	22	22	24	25	23	25	26	26	26	23	24	24	29	28	25	25	23	20	27	
6	32	36	33	30	30	28	29	32	32	24	23	25	24	26	24	24	25	24	23	24	22	23	22	23	22	
7	20	20	20	20	21	20	20	24	29	30	38	30	28	22	20	21	18	19	18	22	18	17	16	16	22	
8	16	17	18	17	16	16	16	18	18	18	18	16	14	22	18	18	18	18	16	16	15	15	15	14	18	
9	14	14	14	14	14	14	14	16	16	16	16	20	20	18	20	18	24	20	19	20	18	19	20	17		
10	20	17	17	16	15	15	14	15	16	18	19	20	20	20	20	21	20	20	20	20	20	21	21	19		
11	21	20	20	20	19	19	18	18	18	18	18	19	20	21	22	23	22	21	21	25	25	28	31	30	22	
12	26	21	17	16	14	14	14	20	22	23	22	22	20	19	22	35	24	35	33	34	35	36	32	32	25	
13	32	32	32	32	32	32	32	32	33	31	29	30	32	10	11	14	15	13	11	9	10	9	8	8	22	
14	8	8	8	8	7	10	10	16	19	15	13	14	14	16	15	14	14	16	16	16	10	12	12	11	14	
15	13	9	8	8	8	8	9	13	16	26	16	22	16	15	23	20	18	18	17	17	17	16	14	21		
16	16	17	18	16	16	15	15	24	34	42	26	24	25	32	26	23	20	18	18	17	17	17	16	14	21	
17	12	12	12	12	11	10	10	9	10	10	10	10	9	9	10	10	8	8	10	9	8	8	9	8	10	
18	7	6	6	6	***	***	***	6	6	6	7	7	7	7	7	8	8	8	10	10	11	12	12	11	8	
19	10	11	9	6	10	11	10	13	20	17	18	18	18	18	15	18	15	17	15	11	11	11	11	11	14	
20	10	10	9	8	9	9	11	12	14	14	***	10	8	8	8	9	14	12	9	8	8	8	7	10	10	
21	6	***	***	***	9	6	8	11	15	12	12	12	12	10	12	12	16	12	12	11	11	12	16	11		
22	17	12	11	9	8	9	12	22	32	22	20	18	6	6	6	6	14	12	10	8	6	6	8	8	12	
23																										
24																										
25																										
26	***	***	***	***	***	***	***	***	***	***	***	***	***	22	28	27	25	24	24	24	22	20	20	20	***	
27	22	20	18	18	18	18	18	20	24	24	21	20	21	20	22	22	24	28	30	34	33	31	26	24	23	
28	24	24	24	24	24	24	24	24	21	21	24	28	20	21	24	22	24	26	28	28	20	20	20	24	23	
29	20	20	21	20	20	20	22	24	28	29	25	20	18	18	20	20	20	20	19	18	17	15	15	20		
30	16	16	15	15	15	15	16	20	20	24	20	23	20	20	20	20	22	21	21	22	20	20	20	21	19	
31	20	21	20	20	20	20	20	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
MEAN	18	18	17	17	16	16	17	19	21	21	21	20	20	19	18	20	20	20	20	20	19	19	18	18	19	

PERCENTAGE OF DATA VALID - 87

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH FEB 70

70

[illegible]

PERCENTAGE OF DATA VALID - 40

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	7	***	***	***	***	***	***	***	***	***	7	***
2	8	***	***	***	***	***	***	***	***	6	6	8	8	8	7	8	8	8	8	6	***	***	***	***	***
3	***	***	***	***	***	***	8	10	8	8	10	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	30	22	18	18	22	20	22	24	26	28	28	26	24	20	12	6	10	14	8	6	6	10	16	14	18
5	16	16	16	10	6	8	6	***	***	***	***	***	6	6	6	6	8	14	12	16	24	58	60	44	18
6	60	32	40	48	16	12	14	14	14	14	14	14	16	12	12	16	***	***	6	6	6	6	8	***	18
7													-	DATA MISSING	-										
8													DATA MISSING												
9	***	***	***	***	***	6	6	8	14	12	14	28	60	52	40	48	52	44	44	36	24	18	14	16	28
10	18	14	16	14	12	10	8	12	12	10	14	14	18	26	26	24	72	84	120	92	80	36	24	26	33
11	24	22	20	20	18	18	18	18	14	12	18	18	12	18	22	22	26	24	30	30	32	32	34	32	22
12	30	22	24	28	28	34	28	28	30	28	22	26	20	28	30	34	34	26	24	16	26	26	30	38	28
13	34	28	24	20	20	16	20	20	18	10	12	10	8	10	6	10	12	16	12	14	16	14	14	14	16
14	20	20	18	22	20	16	14	14	14	14	18	16	14	14	14	16	14	14	16	12	16	***	***	***	16
15													-	DATA MISSING	-										
16	***	***	***	***	***	***	***	***	***	***	***	***	12	15	***	***	***	***	***	***	***	***	25	32	***
17	30	15	16	16	15	18	16	18	17	16	14	11	9	9	10	11	10	10	10	11	12	15	17	18	14
18	19	18	20	26	20	17	15	20	22	12	11	11	12	12	12	13	14	14	14	14	15	19	16	16	16
19	16	14	13	10	9	9	11	12	14	14	14	14	16	18	26	27	26	28	32	36	44	42	39	39	22
20	37	23	20	20	20	20	21	24	27	26	25	27	26	28	25	26	26	22	20	20	20	21	20	20	24
21	19	18	18	18	18	18	18	19	21	23	23	21	21	26	23	22	22	23	24	25	25	24	19	8	21
22													-	DATA MISSING	-										
23	***	***	***	***	***	***	***	***	***	***	***	***	12	15	***	8	8	6	***	***	***	***	***	***	***
24													-	DATA MISSING	-										
25	***	***	***	***	***	***	***	6	8	***	***	***	***	6	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	6	***	***	***	***	***	***	***	***	***	***	***
27																									
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	8	8	***
29	8	8	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	***	***	6	***
30	8	***	***	***	***	***	***	***	6	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	6	***	6	8	8	6	***	***	6	10	10	8	8	8	***	***	***	***	***
MEAN	24	19	19	21	17	16	15	16	17	14	15	17	17	18	17	18	22	22	24	22	22	23	23	21	19

PERCENTAGE OF DATA VALID - 50

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	***	***	***	***	***	6	10	6	***	6	***	10	***	***	***	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	10	6	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	6	8	6	6	6	6	6	8	6	6	6	6	6	8	8	8	8	7
4	8	8	8	8	6	6	6	6	***	***	***	6	6	6	6	***	***	***	***	***	6	8	8	8	7
5	8	8	8	8	8	8	8	8	8	8	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	6	6	8	8	8	8	8	8	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	8	6	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	8	8	8	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***
9	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
10	12	12	12	11	10	10	11	12	11	11	***	8	8	9	10	13	14	15	14	14	15	15	16	15	12
11	17	16	16	16	16	18	18	18	18	19	18	17	17	18	19	19	19	19	19	20	21	21	21	21	18
12	21	21	20	20	20	20	21	21	21	22	***	***	***	***	***	***	8	14	11	11	9	9	9	8	16
13	7	7	8	11	12	12	11	13	12	11	14	14	14	15	15	14	16	16	15	14	12	12	11	11	12
14	11	11	***	***	***	8	10	11	***	***	15	16	17	16	19	21	21	21	20	25	25	23	21	20	17
15	19	20	16	16	17	14	12	17	19	15	15	16	22	16	14	20	25	23	22	22	20	18	16	20	18
16	24	24	20	24	24	24	25	24	20	22	20	26	26	18	19	18	16	19	18	12	11	10	***	8	20
17	6	8	***	***	***	***	***	***	***	***	***	10	12	16	17	11	***	***	6	12	12	11	13	13	***
18	11	8	8	12	17	18	20	20	21	22	22	23	23	23	22	22	25	26	28	27	29	32	34	36	22
19	36	38	43	50	53	54	56	58	62	65	***	***	7	8	***	***	***	***	***	***	***	***	8	7	***
20	9	9	9	10	10	12	12	13	14	12	12	***	***	20	28	32	34	34	35	39	42	40	36	38	23
21	42	42	40	40	42	46	50	55	59	54	46	42	40	40	***	12	13	12	13	12	14	14	13	13	33
22	12	11	10	10	11	10	12	12	9	9	10	10	9	10	10	8	7	***	7	***	11	12	11	12	10
23	15	21	31	35	38	40	40	40	36	35	19	12	9	6	8	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	12	23	25	20	16	***	12	12	12	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	6	6	6	8	11	17	22	12	10	***
26	11	10	10	9	9	8	8	6	***	***	***	***	***	***	8	8	6	7	8	8	10	12	8	***	9
27	***	6	12	12	12	13	14	17	32	20	20	20	22	30	28	30	28	28	32	24	30	25	26	30	22
28	24	30	40	44	14	18	20	31	31	35	31	28	30	32	37	37	31	29	27	28	26	25	22	25	29
29	23	29	31	31	33	32	38	44	36	***	***	***	***	10	16	19	12	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	10	6	***	***	44	40	50	48	48	44	48	48	38	28	25	***
MEAN	16	16	19	20	20	20	21	20	21	19	18	16	16	17	17	18	18	19	19	19	19	18	16	16	18

PERCENTAGE OF DATA VALID - 65

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAHST NO 31001

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	24	12	8	***	***	***	8	6	6	10	***	***	10	16	22	24	20	24	24	22	30	28	32	18
2	***	***	***	***	***	***	***	8	10	9	8	8	9	10	16	22	24	20	24	24	22	30	28	32	18
3	28	30	28	32	30	32	26	32	30	24	31	38	40	44	46	42	50	58	56	56	56	52	44	42	39
4	44	52	48	46	48	50	44	44	48	54	***	***	14	15	13	12	8	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	9	16	18	22	32	32	28	15	***	***	***	***	***	***	***	20
6	8	8	8	8	8	8	12	16	26	34	38	40	38	40	12	12	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	***	***	28	36	50	54	60	50	48	44	36	44	48	48	***
8	28	24	24	26	20	19	20	22	28	32	36	42	44	44	45	46	48	50	50	52	52	54	55	54	38
9	54	51	48	46	44	42	41	32	28	34	34	18	14	12	8	10	8	8	8	6	6	***	***	***	25
10	***	***	***	***	***	***	***	6	***	***	***	***	27	31	34	36	36	32	30	27	23	19	21	22	***
11	24	23	27	40	50	58	62	62	49	49	52	53	52	54	50	46	41	38	37	38	36	34	34	32	43
12	32	32	32	33	38	44	54	51	48	37	44	56	64	58	52	48	32	26	24	24	23	24	24	20	38
13	19	18	17	17	18	22	22	24	24	27	33	41	48	53	50	52	41	34	31	28	18	17	16	16	29
14	16	14	11	11	13	15	16	18	23	22	14	14	16	20	23	20	20	16	17	17	16	19	18	17	17
15	16	11	8	***	8	9	10	10	11	16	11	12	***	***	***	7	7	8	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	9	7	***	***	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	***	***	***	16	19	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	15	16	25	37	43	44	44	40	27	25	26	30	30	40	***
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	42	32	33	33	34	38	48	42	45	52	54	58	68	72	67	72	63	59	60	69	65	69	65	56	54
22	46	46	54	34	32	30	34	38	46	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
23	34	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	58	58	57	56	60	***	***	***	***	***	***	12	12	11	11	11	12	11	12	12	12	12	12	12	25
25	12	12	12	12	12	13	20	23	26	***	***	***	***	***	18	15	16	15	10	6	***	***	***	***	***
26	***	***	***	***	***	9	10	11	10	10	10	8	6	6	6	6	6	6	8	8	9	10	10	11	8
27	***	***	***	6	7	8	10	8	7	8	8	8	8	8	22	22	23	20	18	15	17	14	13	14	14
28	9	8	8	8	8	9	12	15	13	12	14	16	18	15	15	16	15	14	14	14	13	12	14	14	15
29	14	14	13	13	14	14	16	18	18	17	17	16	16	15	15	16	15	14	14	14	13	12	14	14	15
30	19	26	36	28	16	50	23	11	12	13	12	13	14	16	20	20	18	15	16	17	19	22	22	22	20
31	14	11	11	10	10	10	11	12	11	14	14	14	14	14	14	13	13	13	13	16	16	16	12	12	13
MEAN	27	26	26	25	25	25	26	23	25	24	23	25	28	30	27	27	26	25	26	26	27	26	27	28	26

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAHST NO 31001

MONTH JUN 70

STATION - 67 COLLEGE STATION, TEXAS																									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	8	8	8	10	11	16	16	13	12	12	18	18	15	16	18	15	13	13	12	12	12	12	13
2	12	12	12	12	12	14	18	22	19	22	22	23	22	19	18	20	18	17	16	20	24	19	18	17	18
3	16	14	12	13	14	15	20	24	26	24	25	28	40	24	16	16	12	8	10	18	14	14	***	18	
4	DATA MISSING -																								
5	DATA MISSING -																								
6	8	8	7	6	6	6	6	6	7	6	6	5	***	***	***	***	***	***	***	***	***	***	***	***	***
7	***	***	***	***	***	***	***	***	***	***	14	14	***	***	***	***	***	***	***	***	***	***	***	***	***
8	12	24	20	16	22	24	35	50	42	34	30	26	***	***	***	***	***	***	***	***	***	***	***	***	***
9	40	40	40	36	24	26	18	19	16	12	12	14	***	***	***	***	***	***	***	***	***	***	***	***	***
10	13	12	12	12	16	16	20	20	20	18	22	16	***	***	***	***	***	***	***	***	***	***	***	***	***
11	20	18	14	12	12	14	18	24	28	***	20	18	16	10	10	10	10	10	12	12	12	10	10	8	14
12	8	8	9	8	8	8	12	16	16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	DATA MISSING -																								
14	DATA MISSING -																								
15	21	28	29	36	38	***	***	***	***	***	24	20	20	18	18	22	20	16	16	16	16	14	16	14	21
16	16	12	12	10	10	12	14	20	16	16	18	16	16	14	14	14	14	12	12	12	12	12	12	14	16
17	12	12	14	18	20	20	40	28	20	22	20	16	16	14	12	12	10	8	10	12	16	14	14	14	16
18	10	6	6	6	8	8	10	12	10	10	14	10	10	12	8	8	10	10	10	16	20	18	18	26	12
19	***	***	***	***	***	***	6	6	6	6	6	8	8	8	10	10	10	10	10	16	20	18	18	26	12
20	24	24	26	24	24	24	26	24	24	24	24	22	24	24	25	26	26	26	28	30	34	32	32	38	26
21	42	34	28	18	10	10	10	11	12	12	12	12	12	12	12	12	12	12	14	14	12	17	19	20	16
22	22	15	10	9	9	12	16	16	14	12	16	13	14	12	12	11	12	11	10	20	24	44	50	17	17
23	74	76	78	88	76	88	88	24	24	18	16	10	10	8	9	8	8	6	8	8	8	10	10	9	32
24	9	12	12	12	11	10	12	13	12	12	10	9	9	8	8	8	7	6	***	***	***	***	***	***	10
25	***	***	***	***	***	***	7	9	7	9	9	9	10	10	10	9	8	11	12	14	16	14	11	13	10
26	18	15	15	11	9	9	20	14	12	10	10	9	9	9	9	10	10	9	8	8	7	6	7	7	***
27	***	***	***	***	***	***	***	***	***	***	***	***	***	6	***	***	***	***	***	***	***	***	***	***	***
28	6	***	***	***	***	6	10	9	8	7	6	***	***	6	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	9	13	8	10	8	8	9	14	16	16	14	11	12	13	16	16	18	13	12
30	13	12	10	10	10	11	13	14	15	10	10	10	10	12	11	10	9	9	10	12	13	12	12	10	11
MEAN	19	20	19	18	17	17	20	18	16	15	15	14	15	13	13	13	13	12	13	14	16	15	17	18	16

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH JUL 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1													- DATA MISSING -												
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6	****	****	****	****	****	****	****	10	14	10	8	6	6	6	6	8	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	6	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	****	****	7	9	11	26	19	19	10	10	12	7	7	****	****	****	****	****	****	****	****	****	****	****	****
10	****	****	****	****	****	****	****	****	6	****	10	12	11	8	10	9	15	10	10	13	13	13	21	10	****
11	11	23	13	8	8	8	8	8	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
12	****	****	****	****	****	****	****	****	****	****	9	9	9	11	10	11	11	11	11	11	11	13	12	12	****
13	12	12	12	12	14	18	18	18	18	18	14	15	16	16	****	****	****	****	****	****	****	****	****	****	****
14													- DATA MISSING -												
15	****	****	****	****	****	****	****	12	19	18	12	16	17	15	15	15	14	14	14	****	13	13	13	13	15
16	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	11	11	13	14	16	18	16	13
17	16	18	15	14	14	14	17	22	19	18	18	18	19	19	18	18	18	16	17	14	13	13	13	13	17
18	13	13	13	14	14	13	13	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	13	13
19	14	13	12	12	10	10	10	10	10	10	9	11	11	11	11	11	13	14	12	13	14	18	24	12	12
20	22	22	14	14	14	14	15	17	16	20	19	19	18	18	18	18	18	14	13	14	14	13	13	13	16
21	13	13	13	13	13	13	14	16	16	16	15	14	15	15	15	15	14	14	14	14	16	18	22	26	15
22	23	20	20	20	24	23	26	24	22	22	24	22	22	18	18	18	18	18	18	18	18	16	16	16	20
23	16	22	25	19	28	26	24	24	20	21	23	19	20	18	17	18	18	18	18	18	18	17	17	17	20
24	17	17	17	18	17	17	22	24	24	22	21	18	17	19	16	16	15	15	17	17	16	15	15	22	18
25	22	22	22	18	17	17	18	16	14	14	13	13	13	13	13	13	13	13	13	13	11	11	12	17	22
26	18	18	18	18	18	17	17	14	14	14	13	13	12	10	10	10	9	9	9	9	10	18	19	14	14
27	17	20	17	16	20	23	17	19	19	19	18	15	18	14	14	14	15	16	13	22	16	17	18	17	16
28	13	13	13	13	13	13	14	18	18	18	16	16	15	14	14	14	13	13	14	14	14	16	18	15	15
29	17	17	15	15	14	13	17	22	16	15	16	16	14	14	14	15	14	14	14	14	14	14	14	14	16
30	32	21	18	18	18	17	16	17	16	16	14	13	16	16	14	15	14	14	14	14	14	14	14	14	16
31	14	15	15	18	19	19	22	23	21	20	17	15	17	18	18	18	16	22	18	25	33	30	30	27	20
MEAN	17	17	15	15	16	16	17	17	15	16	15	14	14	14	14	14	14	14	14	15	15	15	17	17	15

PERCENTAGE OF DATA VALID - 63

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

MONTH AUG 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	30	26	26	25	25	22	22	****	16	16	15	17	17	17	17	15	15	15	15	15	15	17	17	18	19
2	17	17	16	16	16	16	14	14	14	14	14	14	14	14	14	14	14	15	15	15	17	18	18	18	15
3	****	****	****	****	****	****	****	****	****	14	14	13	13	13	14	17	15	14	10	6	****	****	****	****	16
4	23	21	21	21	20	22	22	23	22	21	20	16	16	16	17	17	17	16	17	18	18	20	27	30	20
5	29	27	27	27	26	25	25	26	29	32	28	24	23	21	20	20	19	19	22	23	26	28	32	30	25
6	30	28	26	26	25	26	26	26	27	28	21	18	18	16	16	16	16	16	16	19	29	41	41	24	
7	41	36	31	31	22	22	22	25	22	26	22	22	22	21	18	17	18	17	17	18	21	20	20	20	23
8	20	18	18	18	18	20	20	18	18	18	18	19	18	18	18	18	18	18	19	19	19	19	19	19	19
9	19	19	19	21	22	25	27	30	28	26	28	23	23	22	22	20	20	19	22	22	23	25	31	28	24
10																									
11	34	26	30	27	24	21	23	26	26	26	23	24	21	21	20	19	21	19	20	21	21	20	20	20	23
12	20	20	18	21	20	23	25	****	18	18	19	19	21	16	16	18	17	16	16	20	26	26	22	20	
13	19	30	25	18	16	17	22	30	22	18	23	22	20	18	23	23	21	18	18	19	19	26	34	31	22
14	27	26	26	25	38	37	39	30	22	21	18	18	18	18	18	15	16	16	20	22	22	26	23	23	
15	23	22	25	22	23	22	24	21	23	23	21	19	19	18	15	15	15	15	15	15	15	15	15	19	
16	15	15	18	18	17	17	17	17	17	****	11	10	10	9	8	8	8	8	8	8	10	10	14	10	12
17	10	8	8	11	10	12	15	14	11	10	10	11	10	10	10	10	10	10	10	10	13	11	11	11	11
18	11	11	10	12	10	11	15	17	10	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	****	****	24	24	21	20	19	19	22	19	18	19	17	****
20	17	17	17	16	16	18	21	21	21	21	21	21	19	17	17	17	16	14	14	13	14	14	14	15	17
21	14	14	14	14	14	14	16	17	15	16	14	14	14	15	16	17	15	14	15	14	17	16	20	18	15
22	18	19	16	15	15	18	22	19	18	17	18	18	18	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24	12	12	14	15	17	17	17	17	17	17	16	16	16	15	15	18	21	24	22	19	20	20	17	17	
25	17	17	17	16	18	22	19	19	22	19	19	19	18	18	20	20	25	33	26	26	22	20	19	18	21
26	18	20	18	18	18	18	18	22	22	18	18	18	18	20	20	20	25	30	26	21	18	14	16	14	20
27	15	9	10	9	10	10	10	10	10	10	9	8	8	8	8	11	10	10	9	8	9	10	10	10	10
28	10	10	10	10	10	10	10	12	10	18	10	9	8	8	10	10	10	15	16	12	12	10	10	9	11
29	10	10	10	9	10	11	9	9	9	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	8
30	8	8	8	9	10	12	13	13	13	13	11	11	8	9	9	10	10	10	13	11	10	11	13	13	11
31	19	19	17	11	11	10	9	9	11	9	8	7	8	6	6	10	14	8	8	7	7	8	10	10	10
MEAN	19	19	18	18	18	18	19	19	18	18	17	16	16	15	15	16	16	16	16	16	16	17	19	19	17

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	***	***	13	11	11	12	***
2	12	14	13	13	14	15	17	16	18	21	18	15	14	14	15	18	30	42	26	18	18	14	16	15	18
3	17	17	14	13	12	13	14	15	17	17	14	12	12	13	14	16	15	16	21	20	18	18	19	23	16
4	27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
5	***	***	***	***	***	***	***	***	***	***	***	***	***	9	12	16	18	17	16	15	14	14	13	14	***
6	13	12	13	13	13	13	13	13	14	13	12	13	14	14	15	19	28	30	25	22	18	18	18	17	16
7	16	15	15	14	14	14	14	14	14	14	14	15	14	14	14	15	17	16	16	16	16	16	16	18	15
8	18	18	22	30	34	38	29	22	18	18	22	22	22	18	18	28	33	24	29	21	22	20	18	14	23
9	14	14	14	19	19	19	18	18	17	17	17	15	15	16	18	19	18	20	16	16	18	16	17	22	17
10	22	16	15	15	18	19	20	19	16	15	14	14	14	14	10	12	10	10	10	12	12	11	11	10	14
11	14	14	17	21	17	14	14	13	13	13	13	13	13	14	16	22	27	17	19	18	16	15	14	14	16
12	17	15	21	29	17	14	14	15	17	16	16	16	15	15	18	18	15	14	13	14	18	20	15	15	17
13	17	16	14	11	10	10	10	11	13	14	12	13	13	12	12	13	13	14	17	14	14	13	13	13	13
14	13	13	15	18	17	15	14	12	13	13	15	15	16	15	15	15	16	18	18	16	13	13	14	13	15
15	13	13	15	19	19	18	17	15	16	16	16	18	18	16	11	14	14	14	14	17	17	13	14	18	16
16	18	17	20	17	16	14	15	14	15	15	15	16	17	15	15	15	16	18	17	19	18	17	17	14	16
17	18	18	18	31	22	18	17	17	19	23	20	24	22	18	16	17	17	18	18	20	19	18	17	19	19
18	17	17	18	21	20	18	17	17	21	21	21	21	21	24	25	22	17	15	15	16	***	***	***	***	***
19	17	17	17	18	17	14	14	13	13	13	13	13	16	16	16	18	16	15	17	19	21	40	34	35	18
20	25	24	22	18	18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
21	21	15	21	21	24	20	29	37	30	***	***	***	10	10	12	11	13	***	***	***	7	6	10	6	17
22	***	***	***	***	***	6	15	17	14	11	10	***	***	***	***	6	***	***	***	***	***	***	***	***	***
23	***	***	***	***	***	***	9	11	7	6	6	6	6	6	8	10	10	11	14	9	6	9	7	6	8
24	6	***	***	***	***	***	6	6	6	6	6	8	10	10	10	13	***	***	6	***	***	***	***	***	***
25	***	7	6	***	10	22	30	19	11	6	6	***	***	***	***	8	***	6	9	19	25	24	14	11	14
26	11	14	9	7	9	16	33	17	22	18	14	7	6	***	***	6	7	6	6	***	***	***	***	***	12
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	8	8	8	9	8	***
28	8	7	7	10	13	14	16	14	11	10	8	6	7	7	6	7	7	6	6	6	6	***	***	***	9
29	***	6	***	6	7	7	10	15	17	13	11	***	***	***	***	***	9	9	11	11	9	10	10	8	10
30	9	9	8	8	10	14	14	20	21	10	***	***	10	10	10	10	10	8	10	10	9	10	9	9	11
MEAN	16	14	15	17	16	16	17	16	16	15	14	14	14	14	14	15	16	15	15	15	15	15	15	15	15

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	7	7	7	7	10	14	11	10	10	10	9	10	9	10	8	9	10	10	12	9	7	9	9
2	10	11	11	10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
3	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	10	10	9	9	9	9	***
4	9	9	8	9	9	9	10	9	9	9	9	8	8	9	9	9	9	10	10	10	13	16	15	12	10
5	11	12	10	11	16	21	35	46	32	20	16	14	16	21	19	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	14	14	***	***	***	***	***	***	***	***	27	26	20	***	***
7	***	30	22	26	24	24	26	38	41	16	17	19	18	18	18	14	23	34	52	54	54	49	46	42	31
8	39	34	31	29	27	26	25	23	23	22	20	21	22	21	22	22	23	23	22	22	23	23	23	23	25
9	23	24	25	25	25	25	23	26	28	28	23	25	26	26	27	26	26	25	26	26	23	24	23	22	25
10	21	22	21	21	21	20	19	19	19	19	18	16	17	17	17	15	13	12	14	16	16	14	14	17	
11	14	14	13	13	13	13	12	12	12	12	***	18	18	18	18	18	18	19	19	18	19	18	18	18	16
12	19	19	21	21	22	18	20	19	18	20	22	26	29	26	26	24	22	22	26	25	23	22	22	23	22
13	22	21	20	22	21	22	22	24	24	25	25	26	23	23	22	24	26	26	27	26	25	26	30	40	25
14	33	29	29	30	37	37	34	37	39	28	30	30	34	38	32	29	33	33	32	31	29	27	26	26	32
15	24	24	23	22	22	22	23	26	26	24	24	26	26	26	26	29	30	27	26	26	26	26	26	26	25
16	24	22	22	22	20	21	22	26	29	***	***	31	25	26	23	22	29	26	22	22	22	22	22	24	24
17	23	21	22	22	22	20	20	22	22	22	21	20	20	20	21	21	21	21	21	21	21	21	21	21	23
18	26	26	26	26	26	24	25	25	25	23	22	22	20	20	20	19	20	21	21	21	21	21	21	21	23
19	21	20	20	20	20	21	24	31	33	25	22	20	22	24	24	23	29	28	27	28	26	25	25	24	24
20	26	27	26	23	22	25	29	38	34	30	30	29	29	25	25	25	29	32	30	30	30	27	24	23	28
21	23	23	23	24	23	21	22	29	29	26	27	27	31	30	28	29	30	28	25	25	26	26	26	26	26
22	26	26	26	25	25	25	25	25	25	24	24	25	28	36	34	30	42	41	42	41	38	33	30	29	30
23	26	26	26	26	26	25	25	27	30	32	34	28	***	26	25	26	26	32	37	23	18	22	22	21	26
24	19	19	18	15	15	15	18	18	18	20	27	26	24	18	19	18	18	18	20	20	23	31	23	21	20
25	18	16	14	14	14	14	15	15	15	14	14	14	14	14	14	14	14	16	18	19	18	14	13	14	15
26	15	15	15	15	15	14	14	15	18	22	18	16	16	16	16	16	16	18	17	14	14	19	14	14	16
27	14	14	14	14	14	14	14	15	16	16	16	16	17	9	6	6	***	***	***	***	***	***	***	***	***
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	15	15	14	14	16	14	17	22	22	21	21	22	22	22	22	22	24	24	19	19	19	19	18	18	19
30	15	15	14	14	16	14	17	22	22	21	21	22	22	22	22	22	24	24	19	19	19	19	18	18	19
31	18	16	16	18	16	14	14	17	17	17	17	19	21	21	21	23	30	27	27	27	22	19	17	22	20
MEAN	20	20	19	19	20	20	21	24	24	21	21	21	21	21	21	21	23	24	24	23	23	23	21	22	22

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	16	15	15	17	17	15	13	10	8	****	15	18	18	19	22	25	20	25	28	23	26	29	25	19
2	18	16	15	15	15	15	17	19	20	18	18	17	17	17	17	17	17	18	18	17	15	15	15	15	17
3	15	15	14	14	14	12	14	14	15	15	14	15	14	14	15	15	16	17	18	18	17	15	15	15	15
4	15	15	15	17	15	14	15	17	22	22	22	21	18	18	16	16	18	18	18	16	16	16	16	18	17
5	19	18	18	20	20	19	19	18	19	21	20	21	20	19	18	18	18	19	15	15	17	19	18	18	19
6	18	18	18	18	18	17	17	17	18	18	18	18	18	17	18	18	20	18	17	18	18	17	16	18	19
7	16	15	15	15	14	14	14	15	15	13	13	13	13	13	12	13	14	14	14	14	15	16	15	14	15
8	14	14	15	14	14	14	15	15	17	15	14	14	14	14	14	14	15	17	17	17	18	17	18	15	15
9	21	19	18	18	18	20	21	22	22	21	20	19	22	22	20	22	26	27	26	26	25	23	24	22	22
10	22	23	22	22	18	18	18	24	26	29	22	18	17	17	21	22	20	21	22	22	21	22	22	23	21
11	25	22	26	27	27	26	26	32	28	27	32	32	26	26	27	26	25	25	29	31	27	28	26	23	27
12	23	23	23	22	22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	18	19	18	18	19	****
13	18	18	18	17	17	17	17	18	20	21	21	21	20	20	20	20	22	22	22	22	21	20	19	20	19
14	19	19	19	18	18	18	18	18	18	19	19	20	22	22	23	23	22	22	22	22	21	21	18	17	20
15	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16																									
17																									
18																									
19																									
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21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
MEAN	18	18	18	18	18	17	17	19	19	19	19	19	18	18	18	19	20	20	20	20	19	20	19	19	19

PERCENTAGE OF DATA VALID - 44

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST

NO 31001

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	27	27	27	26	27	30	40	38	28	27	27	27	24	****
2	21	21	21	20	20	21	21	22	25	25	24	23	22	22	24	23	23	26	25	25	24	24	24	24	23
3	23	23	23	23	23	23	25	26	30	30	30	32	33	28	26	25	26	26	25	23	23	22	23	22	26
4	22	22	22	22	22	22	22	22	24	24	23	23	22	22	22	23	26	25	22	22	23	23	24	26	23
5	26	28	29	28	28	26	27	30	33	30	29	26	23	22	22	23	23	23	23	24	22	22	22	22	26
6	22	22	22	21	22	21	21	21	21	22	22	22	22	22	22	23	23	22	22	24	23	22	23	23	22
7	20	20	20	20	20	20	20	21	23	23	23	23	23	23	23	23	27	28	26	26	29	26	29	24	24
8	34	32	25	25	25	25	24	26	26	26	26	26	26	28	29	30	34	34	31	27	26	26	26	28	28
9	26	26	26	26	26	26	25	26	30	29	28	28	28	28	28	28	28	28	28	28	28	26	26	26	27
10	26	27	27	27	23	23	23	23	25	26	26	26	25	26	****	****	26	28	26	25	24	24	23	23	25
11	24	24	23	23	23	22	23	26	27	26	26	26	26	26	26	26	26	26	26	25	24	24	24	24	25
12	22	24	24	24	24	24	24	24	26	26	27	27	26	25	25	26	26	26	26	26	25	26	25	25	25
13	25	26	26	24	23	22	24	24	24	24	24	25	23	26	26	26	26	26	26	25	25	26	26	26	25
14	27	27	27	29	30	32	30	35	42	45	34	28	27	22	22	22	23	30	30	28	23	23	22	22	28
15	26	22	26	22	22	24	24	26	31	31	31	31	28	27	27	28	28	28	28	28	28	27	26	27	27
16	26	26	26	23	24	24	24	24	24	26	26	27	26	26	26	26	23	23	22	22	22	22	22	24	24
17	24	24	20	20	21	21	21	21	22	22	24	24	24	24	24	24	25	25	25	26	25	25	25	25	23
18	23	23	23	22	22	22	22	26	26	26	30	26	26	26	26	26	26	26	26	26	26	26	26	26	25
19	26	26	26	26	26	26	22	22	22	22	22	22	26	26	26	23	23	22	22	23	23	23	23	24	24
20	23	23	23	23	23	23	22	22	17	17	18	19	18	18	18	18	19	22	22	21	21	21	21	21	20
21	20	20	20	20	20	19	19	19	21	21	22	22	22	22	22	24	24	23	24	24	24	24	24	24	22
22	24	24	22	22	22	22	22	22	25	25	25	23	23	23	23	23	23	23	23	23	23	23	23	23	23
23	20	21	21	21	22	23	23	23	23	24	23	24	26	26	26	26	26	26	26	26	26	26	26	26	24
24	26	26	26	26	26	26	22	22	22	22	22	22	22	22	22	22	22	22	22	22	24	24	24	24	23
25	24	24	24	24	24	24	24	24	24	24	24	25	20	21	21	21	21	21	21	23	23	22	22	22	23
26	22	22	22	22	20	20	18	18	****	26	24	24	24	27	18	18	18	19	20	20	20	20	20	20	21
27	22	23	23	23	22	22	21	20	20	20	20	20	20	20	20	20	20	20	19	20	20	20	20	20	21
28	19	19	19	20	19	20	20	20	22	22	22	22	22	22	22	22	24	24	24	24	23	23	23	22	22
29	22	22	22	22	22	26	24	25	33	33	28	25	29	23	24	23	25	25	25	25	25	22	****	****	25
30	****	****	****	10	10	11	6	6	6	6	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8
31	9	8	8	8	8	8	8	8	8	7	7	7	13	30	27	25	26	27	27	27	25	25	25	25	17
MEAN	23	23	23	22	22	22	22	22	24	24	24	24	24	24	23	23	24	25	24	24	24	23	24	24	23

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	19	27	44
FEB	21	15	22	46
MAR	25	19	33	120
APR	30	18	33	65
MAY	29	26	54	72
JUN	26	16	32	88
JUL	25	15	20	33
AUG	31	17	25	41
SEP	30	15	23	42
OCT	30	22	32	54
NOV	15	19	27	32
DEC	31	23	28	45
YEAR	321	19	54	120

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201+OVER	TOTAL
JAN	96	229	277	51	0	0	0	0	653
FEB	93	101	71	10	0	0	0	0	275
MAR	92	139	107	33	3	2	0	0	376
APR	145	156	98	70	2	0	0	0	471
MAY	85	156	89	164	12	0	0	0	506
JUN	149	208	76	20	7	0	0	0	460
JUL	51	364	58	2	0	0	0	0	475
AUG	124	335	195	16	0	0	0	0	670
SEP	111	368	69	10	0	0	0	0	558
OCT	53	181	345	50	0	0	0	0	629
NOV	2	208	108	4	0	0	0	0	322
DEC	32	26	645	22	0	0	0	0	725
YEAR	1033	2471	2138	452	24	2	0	0	6120

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
69	5	8.1	13.4	17.4	21.6	28.0	34.4	45.7	53.4	120	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JAN 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	23	24	24	24	24	24	24	22	20	20	20	20	20	20	20	20	24	24	24	24	24	22
2	26	22	22	24	24	24	24	32	36	44	40	32	30	24	24	26	31	36	40	33	38	32	30	30	30
3	32	28	24	24	20	18	16	16	20	20	20	20	20	22	20	26	26	30	30	33	38	36	30	28	25
4	26	26	24	24	24	24	24	25	24	26	27	27	28	28	30	28	28	26	28	32	28	28	29	29	27
5	25	25	24	24	24	24	24	26	28	52	32	34	30	30	32	32	34	34	28	31	32	34	32	33	30
6	33	32	32	30	28	28	28	32	48	36	36	34	32	32	33	32	36	37	38	41	40	36	34	32	34
7	28	28	28	32	28	28	28	32	41	***	42	40	40	32	35	30	34	36	37	34	32	32	32	32	33
8	32	35	36	40	40	40	40	45	52	52	45	20	18	17	14	12	14	12	8	12	12	12	16	16	27
9	16	16	18	20	20	20	20	20	32	20	20	19	20	20	16	14	18	16	14	16	16	16	16	16	18
10	12	8	22	8	6	6	10	14	16	16	16	16	16	12	12	10	12	8	12	12	12	14	12	12	12
11	12	12	12	8	8	8	6	6	6	6	6	8	8	8	8	12	8	8	8	12	12	16	16	16	10
12	***	***	***	***	***	***	***	***	***	***	***	***	12	***	21	28	32	20	19	19	20	20	16	12	***
13	12	12	12	12	12	12	13	14	16	14	12	14	12	14	16	18	22	24	21	20	20	20	20	20	16
14	20	20	20	20	20	20	24	28	33	34	34	29	30	28	28	29	36	40	36	36	36	36	40	40	30
15	36	34	32	31	36	36	32	36	44	44	44	***	12	12	12	8	***	***	***	***	***	***	***	***	***
16																									
17																									
18																									
19																									
20	***	***	***	***	***	***	***	***	14	12	15	16	12	8	12	***	8	***	***	***	***	***	***	***	***
21	22	20	20	20	20	24	23	28	30	31	32	34	33	24	16	17	24	22	22	20	20	20	16	20	23
22	20	14	12	12	12	15	14	20	34	28	24	19	17	14	12	16	24	20	16	16	14	12	12	12	17
23	8	***	***	***	***	8	6	8	8	8	8	11	6	***	8	8	8	6	6	8	12	10	10	10	8
24	12	16	16	18	20	20	24	28	32	28	28	32	26	22	20	16	16	16	12	12	12	10	10	10	19
25	10	12	10	10	12	12	8	12	10	10	12	10	8	6	***	***	***	***	***	***	***	***	***	***	***
26	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
27	18	14	14	13	12	12	12	12	16	18	24	22	21	22	32	40	20	20	16	16	16	16	14	16	***
28	16	16	16	16	14	12	12	16	20	21	24	24	34	32	32	40	40	36	30	30	26	22	20	20	22
29	10	8	8	8	8	8	8	14	17	22	***	24	24	24	52	42	32	30	27	28	24	18	16	12	23
30	18	18	18	18	20	20	22	28	30	32	36	39	40	34	30	50	32	36	36	39	36	36	36	40	31
31	36	37	36	36	36	36	36	34	34	36	32	34	32	32	32	36	36	36	32	32	32	32	32	32	34
MEAN	21	21	21	20	20	20	20	23	27	26	26	24	22	21	23	24	25	25	23	24	24	23	22	22	23

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH FEB 70

HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
2	32	32	32	32	35	36	34	36	34	38	40	48	56	44	42	44	42	40	40	38	32	28	28	32	37
3	32	32	32	32	32	32	36	36	40	40	42	41	40	40	40	40	50	52	44	44	49	52	52	54	41
4	58	56	56	56	56	60	60	60	64	68	60	60	61	60	68	62	60	60	56	56	58	56	54	54	59
5	54	52	52	52	52	50	48	48	52	***	***	20	20	20	24	24	24	24	20	20	20	24	24	24	34
6	24	22	22	24	28	33	30	36	40	29	32	32	48	42	36	30	29	26	26	26	26	24	22	24	30
7	22	22	20	20	18	18	20	20	24	26	24	24	24	20	22	20	22	22	22	24	26	28	28	24	23
8	24	28	32	60	60	56	52	60	56	56	52	38	36	40	36	36	36	36	40	34	30	28	30	27	41
9	24	24	20	20	22	24	24	24	28	29	28	24	28	24	24	18	18	16	16	16	18	16	16	17	22
10	16	16	16	12	12	14	12	12	14	16	16	20	24	22	24	24	28	25	22	20	22	20	20	20	19
11	20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12																									
13	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	10	6	***	***	***	6	6	8	***
14	8	8	8	8	8	8	8	10	14	16	12	12	10	8	10	8	8	12	12	12	8	10	8	10	10
15	***	***	***	***	***	***	***	***	6	8	8	8	8	8	8	8	6	6	6	8	8	8	8	8	8
16	8	8	8	8	8	10	12	18	18	20	***	***	***	6	***	***	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	***	12	8	10	10	10	14	18	12	12	10	8	10	8	8	8	***
18	8	8	8	8	8	8	8	8	9	6	10	18	16	10	8	6	***	***	***	8	***	***	***	***	9
19	***	***	***	***	***	6	8	15	16	16	18	18	16	14	14	18	16	16	16	16	12	14	16	15	***
20	16	14	16	14	16	16	16	16	20	20	20	***	***	***	***	***	***	***	***	6	6	6	6	6	***
21	***	***	***	***	6	***	***	***	6	8	8	8	6	***	***	***	***	***	***	***	***	***	***	***	***
22																									
23	***	***	***	***	***	***	***	***	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	8	8	6	***	***	***	***	***	***	6	***	***	6	6	***	6	6	***
25	***	***	***	***	***	***	8	9	14	16	20	20	20	20	20	20	28	24	24	24	28	28	26	26	21
26	26	26	25	28	28	28	26	28	26	24	24	24	24	24	22	20	24	20	20	20	20	20	20	20	24
27	16	16	16	17	18	16	16	16	21	20	20	16	16	17	***	***	***	***	***	6	8	10	10	12	15
28	12	12	12	10	12	12	14	18	17	16	16	14	12	12	10	9	8	10	12	13	16	16	16	17	13
MEAN	24	24	24	26	25	27	24	24	25	24	25	25	25	24	25	23	24	24	25	21	22	22	21	22	24

PERCENTAGE OF DATA VALID - 68

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	16	16	16	18	20	20	17	12	12	12	10	8	8	8	8	8	8	8	8	8	13
2	10	12	10	10	10	10	10	20	20	20	16	12	8	8	8	8	8	8	8	8	8	8	8	8	13
3	8	8	8	8	8	8	8	6	6	9	12	20	16	12	8	8	8	10	8	9	12	10	10	10	10
4	12	12	12	12	12	12	12	13	20	22	12	8	6	6	6	6	6	6	6	6	6	6	6	6	6
5	8	8	8	8	8	8	8	6	6	6	6	8	8	8	8	8	6	6	6	8	8	8	10	12	8
6	12	12	12	12	12	12	12	13	20	22	12	8	6	6	6	6	6	6	6	6	6	6	6	6	6
7	8	8	8	8	8	8	8	6	6	6	6	8	8	8	8	8	6	6	6	8	8	8	10	12	8
8	12	12	12	12	12	12	12	13	20	22	12	8	6	6	6	6	6	6	6	6	6	6	6	6	6
9	8	8	8	8	8	8	8	6	6	6	6	8	8	8	8	8	6	6	6	8	8	8	10	12	8
10	12	12	12	12	12	12	12	13	20	22	12	8	6	6	6	6	6	6	6	6	6	6	6	6	6
11	12	12	12	12	12	12	12	13	20	22	12	8	6	6	6	6	6	6	6	6	6	6	6	6	6
12	16	15	14	15	15	14	12	14	16	14	14	16	15	14	18	20	18	14	11	12	12	14	16	17	12
13	6	6	6	6	6	6	6	8	12	12	11	10	10	10	10	10	11	10	10	10	10	10	11	10	10
14	9	9	9	10	10	10	10	10	10	9	8	8	8	7	8	8	7	8	8	10	10	11	12	12	9
15	11	11	11	12	12	12	13	13	13	13	12	12	10	9	11	12	12	11	11	11	12	12	13	13	12
16	11	11	10	10	9	10	10	12	12	11	11	12	8	8	8	9	8	10	9	9	9	11	11	12	10
17	12	11	12	14	13	13	13	18	16	17	14	12	12	11	13	14	11	11	12	14	16	17	17	18	14
18	20	20	22	24	22	17	17	21	26	16	14	14	14	14	14	14	13	14	14	14	14	14	18	15	17
19	16	15	14	13	13	13	13	14	22	20	18	18	18	18	17	8	8	10	10	13	22	24	20	24	16
20	16	8	8	8	8	8	8	8	8	8	12	10	11	16	12	12	10	8	7	7	7	7	7	7	7
21	8	8	8	8	8	8	8	10	10	11	10	10	10	10	10	10	11	10	10	10	10	10	10	10	10
22	13	13	13	13	13	14	14	16	17	14	13	14	16	16	17	17	18	18	16	17	17	18	18	16	16
23	16	14	12	11	11	11	10	11	12	12	12	12	12	12	26	24	20	12	10	9	9	9	9	9	13
24	9	8	8	8	8	10	11	12	11	12	12	12	12	12	12	13	13	13	13	14	14	15	15	14	12
25	14	14	13	13	13	14	15	15	15	15	16	17	17	17	17	17	17	16	17	17	18	18	19	19	16
26	18	18	17	18	17	17	17	18	17	17	17	16	17	16	16	18	18	18	18	19	20	20	20	22	18
27	22	21	21	21	22	20	20	20	20	20	20	20	22	20	20	20	20	20	20	20	20	21	22	22	21
28	24	23	22	21	22	22	22	26	26	28	30	28	25	26	10	12	14	14	12	8	8	8	8	9	19
29	13	13	13	13	13	13	13	14	16	15	14	13	12	12	13	12	12	12	11	12	12	13	13	13	13
30	13	13	13	13	13	13	13	14	16	15	14	13	12	12	13	12	12	12	11	12	12	13	13	13	13

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	8	8	8	11	16	16	13	18	10	10	11	10	10	10	9	7	7	7	6	7	6	10
2	8	8	8	8	8	8	8	6	6	6	6	9	8	8	12	14	18	12	8	8	8	8	8	8	8
3	8	8	8	8	8	8	8	6	6	6	6	9	8	8	10	9	10	10	10	10	13	10	14	14	11
4	12	10	11	11	10	10	10	10	10	9	9	10	11	9	9	10	10	10	10	10	10	14	14	12	12
5	15	14	14	13	13	13	12	12	12	11	11	11	11	11	11	11	12	12	12	12	12	14	12	12	12
6	12	12	12	12	12	12	12	15	18	24	18	20	18	13	14	18	16	15	14	10	9	7	6	14	12
7	8	8	8	8	8	8	8	10	12	15	14	13	12	15	15	13	15	14	14	15	15	14	15	14	12
8	13	13	14	13	14	14	15	16	19	19	18	20	23	18	16	15	14	13	14	15	14	13	12	14	15
9	15	13	12	13	12	12	13	14	15	14	13	12	12	12	12	14	12	12	11	12	12	12	13	13	13
10	13	12	12	12	12	11	11	12	14	15	14	12	12	12	16	16	17	16	14	12	14	15	13	15	14
11	14	14	14	13	13	13	14	14	13	12	12	12	14	14	14	15	15	15	16	16	17	17	17	17	14
12	17	16	16	16	15	15	15	16	16	15	15	15	15	11	9	9	10	11	11	12	12	11	11	10	13
13	10	9	9	10	11	11	12	12	14	12	12	10	8	7	8	8	8	8	7	7	7	6	6	9	9
14	8	8	8	8	8	8	8	6	8	8	10	11	10	12	12	12	14	14	10	12	12	14	12	10	11
15	9	8	8	8	8	8	10	11	16	18	18	20	18	20	20	16	16	16	16	16	12	12	13	14	14
16	14	20	20	19	20	19	19	18	19	20	20	20	20	17	18	17	18	19	19	16	17	18	20	19	19
17	20	24	20	15	14	15	17	18	24	22	24	19	19	18	15	16	14	12	12	12	13	15	15	17	17
18	15	14	13	13	12	12	13	13	12	12	12	12	12	13	16	12	12	12	14	15	16	16	17	14	14
19	16	15	14	13	12	12	13	12	11	11	11	12	12	12	12	12	12	12	12	13	13	13	12	12	12
20	12	12	12	12	12	12	20	16	18	22	26	20	16	17	16	12	12	12	12	16	16	15	10	12	15
21	16	16	10	8	8	8	8	12	16	15	10	8	9	10	12	12	11	9	9	9	9	9	9	9	11
22	9	9	9	9	9	10	11	12	12	10	10	9	9	11	11	11	14	14	18	13	16	16	14	12	12
23	12	11	10	9	8	8	8	9	16	22	17	18	16	12	15	12	12	12	11	11	12	13	15	11	13
24	11	12	11	12	13	13	16	17	18	18	16	15	20	18	16	18	20	18	15	16	15	14	13	14	15
25	13	14	12	11	11	11	11	12	13	13	11	10	10	10	10	10	11	12	14	16	20	26	22	14	13
26	18	15	13	13	13	13	16	17	15	13	13	12	13	13	13	13	14	15	17	18	19	23	24	14	15
27	15	16	19	19	18	18	22	30	44	32	26	24	22	24	22	24	20	20	23	20	28	23	22	24	23
28	22	32	44	48	24	28	26	32	32	24	22	20	18	20	24	24	20	19	22	20	22	22	24	20	20
29	15	14	16	15	16	16	20	28	21	20	17	18	20	20	20	20	18	18	16	16	18	17	15	18	18
30	15	15	15	15	15	15	20	24	24	32	40	44	40	48	36	38	36	40	40	40	46	40	36	32	31
MEAN	14	14	14	14	13	13	14	15	16	16	16	15	15	15	15	15	15	14	15	14	15	16	15	14	15

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	32	28	20	17	17	20	22	26	26	30	20	16	12	10	10	12	8	6	6	7	9	8	6	16	
2	6	6	6	6	7	7	8	8	7	7	7	7	8	8	10	10	7	7	8	8	10	10	7	8	
3	7	6	6	7	7	8	8	8	6	6	7	7	7	7	6	6	****	7	8	8	7	8	6	7	
4	7	7	7	8	8	9	10	14	18	14	16	20	23	20	18	18	16	16	12	11	12	12	11	10	
5	9	10	10	9	12	12	18	14	16	16	16	16	16	18	14	16	14	10	10	10	10	10	11	12	
6	10	10	9	8	9	10	11	12	16	10	11	8	14	12	11	10	10	9	8	9	11	12	12	10	
7	9	8	8	8	8	10	12	16	12	16	13	12	12	12	12	10	10	10	8	7	9	9	13	8	
8	8	8	9	9	12	11	11	17	20	14	17	17	21	28	32	32	18	24	20	24	36	30	32	50	
9	24	22	28	20	14	10	8	6	6	****	****	6	6	6	6	6	****	****	****	****	7	6	7	7	
10	7	7	7	8	8	11	12	14	17	36	16	10	16	12	16	20	18	19	32	17	24	24	20	18	
11	16	17	18	16	18	16	16	16	28	18	20	22	26	22	23	20	15	14	14	13	14	14	15	16	
12	14	14	11	10	12	14	13	16	16	18	20	20	20	19	18	16	16	14	15	16	16	15	17	15	
13	14	16	16	18	21	26	35	42	34	28	33	42	50	40	30	38	20	15	15	16	16	17	20	16	
14	14	15	16	15	15	16	20	22	19	18	17	16	18	18	16	16	17	18	20	23	19	18	17	12	
15	15	16	13	12	12	13	16	16	16	15	15	16	14	18	18	18	16	14	14	13	13	16	17	16	
16	- DATA MISSING -																								
17	- DATA MISSING -																								
18	20	20	20	15	14	13	14	14	16	28	30	30	30	16	16	18	16	12	12	12	15	15	16	14	
19	14	14	14	13	16	15	16	16	14	18	16	14	24	28	28	24	30	26	16	13	13	14	15	14	
20	15	14	13	14	13	13	12	12	12	****	****	****	****	12	12	12	12	6	7	12	20	20	16	13	
21	18	****	****	****	****	8	14	9	6	6	6	10	16	22	16	20	15	12	13	22	24	30	28	22	
22	15	18	26	8	7	****	6	14	22	16	12	10	10	15	16	16	12	14	9	10	10	10	11	9	
23	10	8	9	7	7	8	10	10	10	10	10	12	12	14	16	13	12	12	12	16	16	20	12	12	
24	12	12	16	12	16	17	10	7	6	****	****	****	9	10	10	9	10	8	9	10	9	8	7	10	
25	7	7	6	7	7	8	14	24	24	36	24	27	24	18	14	14	14	16	14	10	7	8	10	9	
26	8	8	8	8	9	12	16	16	20	18	18	16	11	10	12	12	10	8	9	9	10	10	10	12	
27	11	11	11	12	12	13	14	14	13	16	15	16	12	12	12	16	12	12	12	13	15	16	16	13	
28	14	13	13	13	14	14	18	24	17	16	16	14	16	20	20	22	20	20	18	16	17	16	13	17	
29	14	16	15	16	15	15	16	16	16	16	16	16	15	16	16	16	16	14	14	15	15	14	14	15	
30	18	28	40	40	28	46	30	16	14	14	16	16	16	18	21	22	20	18	20	20	22	24	26	26	
31	22	16	16	16	16	16	16	17	16	16	16	14	14	15	14	14	13	13	13	16	16	18	16	15	
MEAN	13	13	14	13	13	14	15	16	16	18	16	16	17	16	16	16	15	13	13	13	14	15	15	14	15

PERCENTAGE OF DATA VALID - 90

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	15	16	15	16	18	20	24	28	24	24	18	20	****	14	14	16	8	8	6	22	14	18	20	17
2	12	****	****	****	6	6	8	14	14	10	9	8	8	8	6	6	****	6	****	****	7	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	8	6	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	12	8	****	****	7	****	****	****	****	****	****	8	10	8	6	10	16	****
5	40	41	14	16	16	22	26	16	20	20	12	12	8	6	8	8	****	****	****	****	****	****	****	****	18
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	****
7	10	16	10	8	12	8	10	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	****
8	****	12	10	6	10	12	20	40	36	26	24	18	****	20	14	16	16	10	8	10	12	16	18	24	17
9	36	35	38	36	22	24	16	16	12	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
10	- DATA MISSING -																								
11	****	****	****	****	****	****	****	****	****	20	20	20	20	18	12	12	12	12	14	14	14	12	12	12	****
12	12	10	12	12	11	12	16	24	19	12	13	16	15	16	16	20	16	10	12	14	14	16	14	14	14
13	14	13	12	13	12	12	12	10	10	9	10	10	10	11	10	10	10	10	10	11	12	13	14	12	11
14	13	13	13	13	13	13	12	9	9	8	8	8	11	9	8	8	8	8	10	9	10	11	12	12	10
15	****	****	****	****	****	20	20	28	****	****	24	20	18	16	16	20	20	12	14	12	16	14	13	17	12
16	12	12	11	11	11	10	12	19	19	16	18	16	16	18	12	12	10	8	8	8	8	9	7	12	10
17	12	12	12	16	22	16	40	30	24	24	24	20	20	16	12	16	12	8	12	14	16	16	16	18	18
18	12	6	6	6	8	8	12	14	12	14	20	12	12	14	12	10	8	6	8	8	8	9	8	10	10
19	7	8	8	8	8	8	8	10	9	8	7	8	8	9	12	12	10	9	10	10	9	10	11	9	9
20	10	10	9	9	9	10	10	10	8	8	8	8	6	6	8	6	6	7	8	10	12	14	14	9	9
21	20	20	12	14	14	13	13	10	8	8	7	7	7	7	8	8	6	7	10	12	12	16	16	11	11
22	20	16	12	12	11	12	14	15	12	14	16	12	12	13	12	12	10	10	10	12	14	22	20	13	13
23	16	16	16	16	20	20	24	20	26	22	15	12	12	12	10	12	9	9	9	10	10	12	12	12	15
24	10	12	10	9	10	13	15	14	9	10	12	10	10	10	9	9	8	8	8	7	7	7	8	10	10
25	7	8	8	8	8	8	11	14	12	12	12	12	10	12	12	12	12	12	12	14	16	14	12	14	11
26	18	16	17	14	12	9	10	11	10	9	10	8	8	8	8	10	11	8	9	10	10	8	8	10	10
27	8	7	6	****	****	****	6	6	6	6	6	6	6	6	6	6	****	6	7	8	10	12	12	7	7
28	11	10	11	10	10	11	15	14	12	10	9	8	8	9	8	8	8	6	6	8	8	6	6	9	9
29	10	10	10	10	10	10	12	14	10	12	10	10	10	8	12	12	12	10	8	8	10	16	18	20	11
30	11	11	7	7	8	8	12	12	12	10	10	10	10	12	12	10	12	8	8	8	12	10	12	10	10
MEAN	15	14	12	12	12	13	15	16	15	13	14	12	12	12	10	11	11	9	9	10	11	12	12	12	12

PERCENTAGE OF DATA VALID - 79

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	9	9	9	10	10	14	14	10	8	8	12	14	12	10	12	10	8	8	8	6	6	6	10
2	6	6	6	6	7	10	12	20	20	18	18	20	18	12	12	10	10	14	20	13	13	12	12	12	13
3	12	11	9	10	11	12	16	20	20	20	18	20	26	22	18	20	14	13	14	22	26	20	20	14	17
4	8	10	10	10	14	16	12	14	8	****	6	8	****	****	****	****	6	8	8	8	8	8	10	10	10
5	10	8	8	7	8	6	8	6	****	****	****	****	6	****	6	****	****	****	6	8	8	9	10	9	8
6	8	8	8	8	8	10	12	18	22	16	14	14	16	15	14	18	11	7	10	14	11	12	9	10	12
7	10	10	12	13	12	13	15	17	20	16	15	11	11	11	15	14	11	11	9	9	11	11	11	11	12
8	10	10	10	10	10	13	16	15	14	15	11	13	11	14	11	14	15	13	12	13	15	14	17	18	13
9	15	17	20	22	22	32	29	35	30	22	20	****	20	20	17	20	15	14	14	15	15	12	15	17	20
10	13	16	10	10	10	11	14	20	22	16	23	24	22	20	20	20	24	20	17	20	17	19	22	21	18
11	15	19	24	26	16	15	15	15	18	12	12	12	9	10	13	10	10	11	10	11	13	12	17	14	14
12	13	13	13	13	13	13	13	13	13	11	11	11	11	11	11	9	10	10	10	11	11	14	14	14	12
13	12	12	12	13	13	13	16	20	20	20	19	16	13	16	16	15	13	12	11	11	11	11	11	11	14
14	11	11	11	12	11	11	16	21	23	28	23	17	17	17	21	27	24	13	17	13	10	10	10	10	16
15	10	10	10	10	10	10	11	12	****	19	19	16	17	15	19	19	16	14	14	14	14	13	14	14	14
16	14	14	14	14	14	14	15	16	16	16	18	18	15	15	17	18	15	15	16	17	20	20	23	23	17
17	19	21	18	16	18	18	19	25	24	22	22	24	19	21	21	24	23	17	19	20	20	17	17	17	20
18	18	18	18	19	19	17	17	17	17	16	16	16	16	16	16	16	16	16	16	17	17	18	18	18	17
19	18	17	17	17	16	17	17	17	17	17	17	17	15	15	15	15	15	17	17	17	17	17	19	27	17
20	28	30	19	16	16	15	18	21	22	16	16	15	18	23	20	19	16	17	18	19	18	18	18	18	19
21	18	17	17	17	18	20	21	25	23	23	24	23	20	21	19	20	21	19	19	22	25	24	30	34	22
22	32	27	27	30	31	30	33	32	28	27	33	30	25	26	28	30	28	26	26	26	26	29	35	29	29
23	33	33	34	10	14	36	35	36	30	22	25	22	19	19	17	17	17	18	18	18	18	17	18	24	24
24	17	17	17	19	19	22	34	31	26	28	26	26	26	26	25	25	22	21	21	23	25	32	33	24	24
25	30	33	29	25	24	25	26	24	19	23	22	20	20	20	20	20	20	20	20	20	21	21	24	29	23
26	24	24	25	25	27	25	25	23	22	22	22	23	23	25	26	24	23	23	24	24	23	24	30	33	25
27	27	33	26	28	30	41	31	34	35	35	31	27	27	27	27	27	29	29	29	30	30	30	30	30	30
28	25	34	25	27	28	28	32	36	36	36	34	31	32	32	35	37	36	33	42	36	33	37	38	35	33
29	35	35	35	33	33	33	35	42	38	34	37	37	33	33	33	33	30	30	36	36	36	36	39	36	35
30	50	47	40	39	38	38	38	41	37	43	37	35	36	44	38	37	37	36	37	39	37	38	38	35	39
31	36	36	35	37	39	39	42	49	46	44	41	38	40	41	41	41	39	42	42	46	51	54	52	50	43
MEAN	19	20	18	18	19	20	21	24	24	22	21	20	20	21	20	21	19	18	19	19	20	20	21	21	20

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	51	49	49	47	44	44	43	41	39	39	39	42	42	41	41	39	38	38	38	38	40	42	42	42	42	
2	42	42	42	42	42	42	42	42	42	42	42	19	19	25	25	29	26	26	26	28	27	30	31	31	33	
3	31	31	31	32	32	32	31	30	30	30	30	30	30	30	30	29	28	28	28	29	30	30	30	30	30	
4	30	31	31	32	32	33	35	35	35	33	26	18	11	40	18	18	17	14	14	15	17	18	22	22	25	
5	17	17	17	17	19	21	20	24	20	19	24	21	19	19	23	21	17	19	20	21	21	21	27	31	21	
6	28	24	27	28	25	24	24	29	30	30	33	28	26	23	23	23	22	21	22	24	25	34	36	32	27	
7	30	28	25	25	25	28	29	34	30	40	33	26	20	20	20	19	18	16	16	17	18	20	27	42	25	
8	44	40	35	35	29	24	24	26	26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
9	****	****	****	****	****	****	****	****	****	****	22	22	22	22	22	22	22	22	22	22	24	24	24	****	****	
10	22	22	22	24	25	27	33	35	32	24	25	23	20	20	19	17	17	16	16	17	17	19	23	24	22	
11	27	25	30	23	23	21	21	27	27	26	23	23	22	22	23	23	21	21	21	22	20	20	20	20	23	
12	16	18	18	18	18	19	24	27	23	25	28	26	26	24	21	23	23	23	21	22	25	31	33	30	23	
13	27	32	29	23	20	21	24	37	25	23	25	24	19	19	23	29	22	22	19	20	19	21	32	30	24	
14	28	24	26	23	27	40	41	36	28	27	23	23	23	25	25	24	19	19	20	22	24	25	30	27	26	
15	27	25	26	27	27	30	25	27	28	28	24	23	23	23	18	20	19	19	18	18	17	18	19	19	23	
16	19	19	19	19	19	19	19	19	19	19	18	24	21	19	34	30	21	17	17	18	20	20	21	20	20	
17	19	19	19	19	19	21	24	27	24	21	21	19	18	19	19	19	18	18	19	20	21	21	21	21	20	
18	21	21	21	22	22	22	25	32	26	24	25	21	21	21	21	24	24	24	24	24	24	24	23	24	23	
19	24	22	22	22	22	22	25	36	33	32	32	30	27	30	28	27	26	24	25	25	25	****	****	****	27	
20	DATA MISSING												22	22	25	25	27	26	25	25	26	27	28	29	30	****
21	****	****	****	****	****	****	****	****	****	****	****	22	22	25	25	27	26	25	25	26	27	28	29	30	****	
22	28	31	31	27	26	28	32	33	30	27	30	27	25	26	27	25	25	26	26	26	26	26	27	28	28	
23	26	26	26	26	26	26	25	25	25	23	23	22	24	24	24	24	26	26	26	26	28	28	25	27	25	
24	27	27	26	26	27	28	31	36	33	28	28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
25	****	****	****	****	****	****	****	****	****	****	****	28	32	27	28	30	30	27	27	27	27	28	32	27	****	
26	28	28	29	30	30	30	33	36	36	35	35	33	33	33	31	28	25	25	26	26	27	29	29	30	30	
27	26	26	26	26	26	26	29	31	29	29	29	29	29	31	30	31	31	29	29	31	30	34	31	46	30	
28	27	27	27	27	27	28	32	37	32	22	16	16	16	16	16	16	18	18	18	18	18	18	18	18	22	
29	18	18	18	18	18	18	18	18	18	18	16	16	16	18	18	20	21	19	18	18	18	18	18	18	18	
30	20	18	19	20	19	19	19	20	22	22	20	20	20	20	22	25	42	20	17	18	14	15	16	16	20	
31	16	16	16	15	15	18	20	23	21	18	17	15	16	15	15	15	15	15	15	15	16	20	20	20	17	
MEAN	27	26	26	26	25	26	28	30	28	27	25	24	23	24	24	24	23	22	22	23	23	24	26	27	25	

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	19	19	19	19	19	19	21	23	20	20	19	15	15	16	16	16	16	18	19	21	21	21	22	25	19
2	26	23	21	21	21	23	30	46	42	28	24	22	22	22	24	25	23	21	21	21	21	21	23	25	25
3	22	18	18	18	20	21	22	23	26	24	23	21	21	23	26	26	23	19	20	23	15	15	15	12	21
4	12	12	12	12	12	12	12	18	16	13	12	12	12	12	12	12	12	12	12	13	15	15	15	13	15
5	15	16	16	17	15	15	15	15	14	14	12	12	12	12	12	12	10	10	11	14	16	16	15	13	14
6	15	15	14	14	14	15	15	15	15	13	12	12	12	13	13	12	12	12	14	15	22	25	22	19	15
7	16	18	17	16	15	14	14	12	12	11	11	11	9	9	9	12	12	12	12	12	12	12	12	12	13
8	12	12	12	14	15	16	17	24	24	28	22	19	18	18	25	27	24	18	19	24	30	25	26	23	21
9	20	20	15	13	13	12	11	22	21	22	19	17	18	20	18	18	20	17	19	21	21	24	20	20	18
10	21	20	20	22	23	21	19	20	21	21	23	19	18	14	14	14	14	14	15	17	17	17	19	18	18
11	18	18	18	18	18	19	21	26	24	18	18	16	15	14	15	15	15	15	19	29	25	19	22	19	19
12	26	35	22	19	16	16	16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
13	***	***	***	***	***	***	***	***	***	***	***	22	22	22	22	22	22	22	22	22	22	26	24	22	***
14	22	22	22	20	20	20	23	27	27	43	28	13	13	13	13	12	12	14	12	14	15	17	16	16	19
15	11	11	11	11	9	9	12	17	16	15	13	11	11	11	12	15	13	10	10	10	10	10	13	15	12
16	15	12	12	16	17	15	16	15	16	14	15	16	24	18	22	27	18	24	20	20	20	23	20	18	18
17	22	23	23	21	24	25	27	39	31	28	18	10	14	18	12	19	14	9	9	9	9	12	13	13	18
18	13	11	11	13	12	11	12	18	16	13	12	14	12	28	21	22	27	28	23	19	13	13	13	13	16
19	14	17	17	16	14	15	15	16	17	14	16	14	14	12	12	12	12	16	16	20	17	14	15	20	15
20	21	36	35	35	27	24	26	24	30	20	16	14	16	16	16	16	17	16	16	18	17	20	21	26	22
21	27	22	25	27	27	28	33	40	38	31	23	24	24	24	20	20	16	16	18	18	19	19	22	18	24
22	15	15	15	16	17	16	21	29	29	38	26	23	18	18	18	23	18	18	18	19	18	18	18	18	20
23	18	18	19	19	19	18	28	35	30	29	28	28	37	34	30	38	30	30	31	27	23	26	27	26	27
24	26	24	22	21	20	20	22	23	23	23	25	25	27	46	28	33	36	32	28	25	22	24	22	23	26
25	23	26	27	24	26	30	40	31	27	17	12	8	11	10	10	15	9	13	19	27	31	31	21	17	21
26	18	20	15	13	15	24	49	26	26	25	22	18	12	12	12	12	12	12	12	14	14	14	15	18	18
27	15	16	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
28	23	23	24	27	29	32	32	31	31	38	24	22	22	25	22	28	21	22	19	19	19	18	18	19	25
29	19	20	21	22	22	22	26	26	29	24	19	19	19	19	20	30	17	16	18	17	14	16	15	14	20
30	15	15	16	16	16	22	30	33	25	18	15	17	16	16	15	17	14	14	16	16	16	18	18	16	18
MEAN	19	19	18	19	18	19	22	25	24	22	19	17	17	18	17	20	18	17	17	18	19	19	19	19	19

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH OCT 70

HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	17	18	18	19	19	23	20	19	18	15	13	16	10	16	12	13	13	13	14	10	10	10	15
2	12	14	15	13	13	13	14	16	18	15	13	14	14	15	18	20	15	11	11	14	10	10	11	14	14
3	15	16	18	16	15	15	16	20	18	18	18	16	16	17	17	17	17	18	21	21	21	19	19	19	18
4	19	21	22	22	22	24	24	24	24	24	24	24	24	24	27	27	27	28	32	30	30	34	35	35	26
5	34	34	34	35	38	52	66	80	64	42	35	25	19	22	21	24	17	18	17	17	17	13	13	24	17
6	20	20	19	19	20	24	24	26	26	29	23	19	22	22	22	26	26	22	25	22	35	41	34	53	26
7	50	38	45	41	47	51	68	75	45	29	34	34	32	34	34	33	31	30	30	30	28	27	42	51	40
8	43	34	34	33	31	36	41	44	51	51	40	39	38	32	30	30	30	28	30	30	30	30	30	38	36
9	37	37	34	34	34	31	37	41	38	37	34	31	31	28	14	16	15	15	25	20	18	22	19	16	28
10	18	16	16	16	16	16	16	21	26	26	20	20	20	22	22	19	19	19	24	27	28	24	28	26	21
11	26	26	26	26	28	29	28	35	30	28	26	24	26	22	22	24	25	29	30	28	27	26	25	24	27
12	26	28	30	34	37	32	32	32	29	32	31	33	34	36	35	35	33	33	36	36	35	33	34	33	33
13	35	35	35	33	35	35	37	39	42	33	30	30	30	30	28	27	25	25	25	25	28	35	58	33	33
14	43	34	35	43	52	49	45	49	44	53	31	33	32	42	31	29	25	24	21	21	24	21	21	21	34
15	22	22	24	25	26	26	34	38	29	27	30	30	28	29	30	32	26	24	26	29	31	28	30	29	28
16	27	29	31	31	33	34	39	39	34	28	19	19	18	15	19	20	19	17	17	17	19	19	24	24	24
17	25	27	29	30	30	30	35	37	36	33	33	29	28	24	28	27	34	31	31	49	44	41	35	30	32
18	26	25	25	22	22	24	25	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
19	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	12	11	10	12	11	12	12	10	10	***
20	13	17	16	13	13	17	18	28	38	32	25	26	23	24	20	20	21	20	19	21	22	21	19	19	21
21	19	19	21	20	19	19	21	26	26	24	26	27	29	30	27	32	28	27	26	27	24	23	22	21	24
22	22	21	19	19	19	20	21	24	23	23	22	24	26	29	35	32	33	30	30	28	28	25	24	23	25
23	23	24	24	23	23	23	25	27	29	30	30	30	33	33	27	27	28	31	37	24	20	24	23	25	27
24	24	23	22	20	17	17	19	20	21	23	29	29	32	22	23	23	24	27	29	28	32	39	34	30	25
25	27	22	19	20	21	20	21	21	21	21	21	21	24	24	23	22	23	24	27	31	31	25	23	23	23
26	26	26	26	25	24	22	22	23	28	30	24	22	23	23	24	22	23	24	20	23	24	21	21	21	24
27	21	19	19	19	19	19	20	20	22	22	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
29	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	14	***	***	***	***	***	***	***	***
30	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
31	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
MEAN	26	25	25	25	26	27	30	33	31	29	26	25	26	25	24	24	23	23	25	25	25	25	25	27	26

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	15	17	18	18	23	27	23	28	29	27	28	33	30	****
2	21	19	17	17	17	17	18	19	25	22	20	19	20	18	18	19	19	21	21	21	20	20	18	16	19
3	18	17	16	16	15	14	14	14	17	17	17	17	18	17	18	20	22	22	21	21	21	18	18	18	18
4	15	14	14	14	15	14	14	17	23	23	21	19	****	14	14	14	16	16	15	15	14	13	13	13	16
5													DATA MISSING												
6													DATA MISSING												
7													DATA MISSING												
8	****	****	****	****	****	****	****	****	****	****	****	12	12	11	11	11	11	12	12	12	12	12	12	15	****
9	20	15	13	12	13	14	15	17	17	17	17	17	17	17	17	18	24	25	23	21	21	18	18	18	18
10	15	18	16	15	10	10	12	16	24	26	18	15	13	15	20	20	17	16	16	15	15	15	17	19	16
11	21	19	21	23	24	21	20	29	26	26	27	30	24	24	21	20	20	20	22	23	22	22	20	20	23
12	18	18	18	16	15	13	13	15	17	15	13	13	12	14	15	20	20	17	14	13	13	14	14	12	15
13	11	11	10	10	9	8	10	11	14	14	13	13	13	13	14	16	15	15	16	16	15	13	13	13	13
14	13	13	13	13	13	14	15	15	17	18	19	19	17	15	15	17	17	17	17	17	17	17	17	17	16
15	15	15	13	12	11	12	12	12	****	****	****	****	11	10	11	12	12	12	12	12	12	12	12	12	12
16	12	12	12	12	14	15	16	17	18	17	17	17	16	16	16	16	17	17	16	16	15	15	14	15	15
17	12	14	14	14	14	15	17	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18													DATA MISSING												
19													DATA MISSING												
20	****	****	****	****	****	****	****	****	****	27	27	27	23	21	21	21	25	25	23	23	23	23	23	23	****
21	23	23	22	22	22	22	22	23	24	24	24	24	24	25	25	25	26	****	****	****	****	****	****	****	24
22	****	****	****	****	****	****	****	****	****	****	****	24	24	23	22	22	22	22	22	22	22	22	21	21	****
23	20	20	21	21	21	21	21	21	22	24	24	24	24	22	22	22	25	25	26	26	26	26	26	26	23
24	26	24	24	24	25	25	26	28	****	****	****	15	14	14	14	16	17	21	21	22	20	20	20	19	21
25	15	18	18	18	18	18	18	19	20	21	20	20	18	18	20	20	20	16	16	16	16	15	15	14	18
26	13	13	11	12	11	11	11	14	17	16	17	14	14	14	14	16	15	17	15	15	15	12	12	12	14
27	11	11	11	12	12	12	13	18	26	19	20	25	21	24	24	28	26	23	18	18	18	19	19	19	19
28	20	19	17	15	16	16	15	16	17	17	18	19	17	16	16	17	19	19	19	19	18	14	15	15	17
29	18	17	14	14	14	13	14	12	12	12	11	12	14	14	15	16	16	19	18	17	18	14	13	13	15
30	13	12	12	12	12	12	13	16	17	17	16	16	16	16	17	19	20	20	18	23	26	29	22	21	17
MEAN	17	16	16	15	15	15	16	18	20	20	19	18	17	17	18	19	20	19	19	19	19	18	18	17	18

PERCENTAGE OF DATA VALID - 73

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	17	17	14	14	13	11	10	11	14	17	18	18	16	16	16	18	22	30	29	15	15	13	10	10	16	
2	9	9	10	11	11	11	12	15	18	19	18	14	14	14	15	15	16	16	19	19	18	18	22	20	15	
3	20	20	19	19	22	22	22	26	27	27	30	32	27	21	19	17	19	17	16	14	13	12	13	12	20	
4	12	12	12	13	13	13	14	15	19	19	20	21	22	22	22	22	29	28	26	28	29	27	27	30	21	
5	27	29	29	29	28	26	25	28	29	28	27	25	22	20	19	20	18	17	17	19	18	18	18	19	23	
6	19	20	20	20	20	20	19	20	22	22	22	21	22	22	22	23	24	24	24	27	27	25	17	8	21	
7	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	23	26	31	31	29	29	31	31	32	38	*****
8	35	32	21	20	20	18	19	21	22	22	22	22	21	21	23	25	29	29	24	18	17	17	16	17	22	
9	17	17	16	15	14	14	15	16	19	19	18	19	18	18	18	18	18	18	18	17	15	15	15	14	17	
10	14	14	14	12	12	12	14	14	20	21	21	21	21	21	21	22	24	23	21	21	17	15	13	13	18	
11	14	14	14	14	13	13	13	13	15	15	15	15	15	15	15	15	16	15	13	13	15	16	15	15	14	
12	14	14	14	14	13	13	13	13	14	15	16	16	16	14	13	13	13	13	13	13	11	11	10	11	13	
13	11	13	13	10	10	10	11	11	11	11	13	13	13	13	14	13	14	14	14	13	13	13	13	13	12	
14	14	12	12	14	15	17	13	20	26	22	20	14	13	13	15	15	19	21	20	18	15	15	14	14	16	
15	16	15	15	15	15	14	15	19	23	23	23	22	18	17	16	18	18	19	18	15	15	15	15	15	17	
16	13	14	12	10	10	10	9	11	13	13	14	14	14	15	20	22	27	21	19	17	17	16	16	16	15	
17	16	15	15	15	15	15	15	18	21	23	26	26	23	23	23	25	28	24	22	22	22	22	22	22	21	
18	20	19	20	18	17	17	21	26	26	26	27	26	24	24	27	27	31	29	29	29	29	26	23	21	24	
19	21	24	26	25	22	20	23	23	23	23	25	22	23	21	21	21	22	22	22	22	19	19	19	19	22	
20	20	20	20	20	19	19	19	20	21	21	22	22	22	21	21	22	21	21	21	22	22	20	21	21	21	
21	22	22	22	22	22	23	22	26	29	29	27	27	27	26	26	24	30	31	26	29	29	29	27	27	26	
22	25	25	25	24	22	22	22	22	24	24	23	22	25	27	27	28	33	33	22	20	20	20	20	20	24	
23	24	22	21	21	19	20	20	22	27	25	25	28	26	27	26	23	23	23	20	15	15	18	20	22	22	
24	22	21	17	16	16	16	16	18	21	18	18	18	18	18	18	18	17	21	22	20	20	17	16	17	18	
25	17	16	16	16	15	16	16	17	18	18	18	18	19	19	20	18	18	18	22	22	20	20	20	19	18	
26	17	18	18	15	17	16	16	16	24	25	23	20	20	16	15	16	17	17	17	17	18	20	20	18	19	
27	19	23	22	22	22	22	19	18	19	18	17	17	18	16	16	18	18	18	19	20	20	20	20	18	19	
28	16	16	16	16	19	19	20	22	26	24	25	22	22	22	24	24	24	25	25	24	22	22	22	22	22	
29	24	25	23	20	24	27	24	28	43	43	36	30	30	28	28	27	30	30	28	28	28	26	26	28	29	
30	32	27	27	28	28	29	31	34	38	35	31	29	31	31	33	32	35	35	35	35	33	33	32	32	32	
31	32	30	30	34	32	30	30	30	34	38	38	41	36	31	28	28	30	32	30	30	30	29	26	27	32	
MEAN	19	19	18	18	18	18	18	20	23	23	23	22	21	20	21	21	23	23	22	21	20	20	19	19	20	

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	23	34	52
FEB	26	24	59	68
MAR	27	13	21	30
APR	30	15	31	48
MAY	29	15	26	50
JUN	29	12	18	41
JUL	31	20	43	54
AUG	30	25	42	51
SEP	30	19	27	49
OCT	28	26	40	80
NOV	25	18	24	33
DEC	31	20	32	43
YEAR	344	19	59	80

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - COLLEGE 1ST FL S TORONTO OAMST NO 31081

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	62	157	219	154	0	0	0	0	592
FEB	103	96	133	124	5	0	0	0	461
MAR	210	298	69	0	0	0	0	0	577
APR	141	452	78	22	0	0	0	0	693
MAY	193	368	96	20	0	0	0	0	677
JUN	263	246	52	9	0	0	0	0	570
JUL	100	315	196	118	0	0	0	0	729
AUG	0	149	395	113	0	0	0	0	657
SEP	21	387	250	34	0	0	0	0	692
OCT	9	135	315	147	5	0	0	0	611
NOV	8	349	171	1	0	0	0	0	529
DEC	15	332	339	44	0	0	0	0	730
YEAR	1125	3284	2313	786	10	0	0	0	7518

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										MAX	ARITH MEAN
	MIN	10	30	50	70	90	95	98	99			
85	6	9.0	13.0	17.0	21.6	30.7	35.3	41.4	48.7	80		19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																											
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION														
STATION - PHARMACY AND 401 TORONTO													NO 33002														
													MONTH MAY 70														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1												- DATA MISSING -															
2												- DATA MISSING -															
3												- DATA MISSING -															
4												- DATA MISSING -															
5												- DATA MISSING -															
6												- DATA MISSING -															
7	****	****	****	****	****	****	****	****	****	****	****	40	40	30	24	20	25	25	31	29	30	28	26	26	****		
8	24	24	24	24	26	26	21	21	23	23	27	27	27	28	30	33	31	31	31	31	31	31	34	36	28		
9	36	35	32	29	28	29	17	11	10	10	11	11	11	11	10	9	9	9	10	10	8	7	8	7	15		
10	7	7	6	****	****	6	7	7	9	14	17	17	17	17	12	12	12	12	14	14	16	16	16	16	12		
11	24	25	27	27	28	28	22	21	9	8	12	13	16	17	20	****	****	****	****	****	****	****	****	****	****		
12												- DATA MISSING -															
13												- DATA MISSING -															
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	29	37	36	37	34	32	28	29	****		
15	33	33	29	22	20	22	21	19	16	16	18	17	18	24	26	22	24	15	19	23	28	26	22	18	22		
16	18	18	18	19	19	17	15	16	15	16	17	17	17	18	16	15	17	18	16	12	18	16	14	14	17		
17	20	22	23	22	20	20	25	20	17	15	15	18	18	18	17	21	22	21	20	19	18	17	17	19	19		
18	24	24	20	18	15	14	13	13	15	20	22	22	17	18	21	23	28	32	****	****	****	****	****	****	20		
19												- DATA MISSING -															
20												- DATA MISSING -															
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	31	28	27	25	22	24	25	23	****		
22	23	24	32	24	8	****	****	10	10	6	****	****	10	14	8	18	15	****	****	****	****	****	****	****	****		
23												- DATA MISSING -															
24												- DATA MISSING -															
25												- DATA MISSING -															
26												- DATA MISSING -															
27												- DATA MISSING -															
28												- DATA MISSING -															
29												- DATA MISSING -															
30												- DATA MISSING -															
31												- DATA MISSING -															
MEAN	23	24	23	23	21	20	18	15	14	14	17	20	19	20	18	19	22	23	23	22	23	22	21	21	20		
PERCENTAGE OF DATA VALID -					29																						

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION													
STATION - PHARMACY AND 401 TORONTO													NO 33002				MONTH JUL 70									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -													
2													- DATA MISSING -													
3													- DATA MISSING -													
4													- DATA MISSING -													
5													- DATA MISSING -													
6													- DATA MISSING -													
7													- DATA MISSING -													
8													- DATA MISSING -													
9													- DATA MISSING -													
10													- DATA MISSING -													
11													- DATA MISSING -													
12													- DATA MISSING -													
13													- DATA MISSING -													
14													- DATA MISSING -													
15													- DATA MISSING -													
16													- DATA MISSING -													
17													- DATA MISSING -													
18													- DATA MISSING -													
19													- DATA MISSING -													
20													- DATA MISSING -													
21													- DATA MISSING -													
22													- DATA MISSING -													
23													- DATA MISSING -													
24													- DATA MISSING -													
25													- DATA MISSING -													
26													- DATA MISSING -													
27													- DATA MISSING -													
28													- DATA MISSING -													
29													- DATA MISSING -													
30													- DATA MISSING -													
31	****	****	****	****	****	****	****	****	****	****	****	27	26	22	22	21	21	21	23	21	21	25	24	26	30	36 ****
MEAN	****	****	****	****	****	****	****	****	****	****	****	27	26	22	22	21	21	21	23	21	21	25	24	26	30	36 24
PERCENTAGE OF DATA VALID - 2																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	36	32	32	26	24	22	18	15	15	18	16	16	16	15	15	15	15	17	16	16	17	19	20	
2	17	14	9	8	9	8	8	***	***	***	***	***	6	7	10	10	10	10	12	12	13	15	15	13	11
3	12	12	12	14	13	10	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	7	***	***	***	***	***	***	***	17	19	22	22	22	24	26	27	31	25	***
5	25	25	25	25	23	23	25	24	21	20	20	17	16	18	18	20	20	20	20	21	23	28	27	29	22
6	29	28	26	22	27	27	34	38	36	23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
7													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
8													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
9													- DATA MISSING	-	-	-	-	-	-	-	-	-	-	-	-
10	***	***	***	***	***	***	***	***	***	29	29	29	29	29	31	31	31	31	31	35	42	47	45	41	***
11	41	41	41	38	33	36	36	36	33	31	31	31	31	31	31	33	39	36	33	33	33	32	32	32	34
12	31	29	28	28	30	30	32	27	25	27	27	25	19	23	27	27	29	26	27	29	35	42	47	41	30
13	41	41	37	37	31	29	34	31	25	22	22	22	26	26	26	28	30	32	28	28	35	39	47	47	32
14	41	40	34	32	29	29	35	38	37	29	29	28	28	26	22	25	22	25	22	26	37	37	37	35	31
15	28	26	25	27	30	28	30	29	25	23	22	23	26	25	25	25	25	25	24	23	23	25	28	28	26
16	30	30	26	22	21	21	19	19	17	15	15	15	13	13	15	18	16	16	16	17	22	22	22	18	19
17	19	19	20	21	21	21	24	20	14	12	12	12	12	12	6	12	12	6	6	6	8	9	9	12	14
18	13	13	14	14	14	14	16	15	12	8	7	7	7	7	7	7	7	9	8	8	8	10	8	10	10
19	9	9	9	9	9	11	17	21	10	***	24	24	24	24	29	30	30	30	30	33	34	34	34	31	22
20	29	29	29	29	29	29	29	29	25	27	28	23	18	18	20	22	21	17	14	14	14	14	14	14	22
21	16	16	16	16	13	13	18	17	15	15	14	14	14	16	21	21	18	18	18	20	22	24	23	23	18
22	23	23	20	20	20	20	20	20	16	16	16	16	16	20	18	18	17	18	17	19	19	19	19	19	19
23	18	18	18	18	18	19	20	17	17	18	18	18	17	17	17	17	17	17	19	21	20	20	20	20	18
24	19	19	19	19	19	22	24	22	20	16	16	16	16	20	17	19	19	19	20	21	20	22	22	22	20
25	20	20	20	21	29	38	35	***	***	***	***	***	11	11	13	13	13	14	14	15	13	13	14	14	18
26	14	15	15	13	13	13	13	12	12	13	14	12	13	13	13	16	18	18	18	17	20	20	20	20	15
27	***	***	***	***	***	***	***	***	***	***	***	***	***	***	9	10	10	11	11	14	13	18	20	21	***
28	25	22	17	16	16	16	15	13	10	9	9	9	11	13	16	16	13	11	11	11	11	9	9	13	13
29	8	9	8	9	9	8	11	9	8	6	6	6	6	6	7	8	10	10	11	12	14	17	13	14	9
30	15	12	11	11	11	11	9	9	9	7	6	6	6	6	9	11	11	8	7	6	***	***	***	***	9
31	***	***	***	***	***	8	11	8	***	***	***	***	***	17	18	20	21	20	19	20	22	22	21	21	***
MEAN	23	23	21	21	21	20	21	21	19	18	18	18	17	17	18	19	19	19	18	19	22	23	24	23	20

PERCENTAGE OF DATA VALID - 77

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	21	18	16	18	22	26	22	19	17	17	17	18	22	22	22	22	21	22	22	24	24	26	26	21
2	26	25	23	22	22	24	32	39	27	27	23	23	21	21	21	21	22	19	21	22	21	22	22	22	24
3	22	21	19	19	19	19	20	20	20	20	19	17	21	26	23	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	12	13	18	18	16	17	17	18	16	16	14	14	***
5	16	17	19	19	17	15	15	16	16	18	19	18	18	20	21	21	21	21	21	21	20	20	20	19	19
6													- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
7													- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
8													- DATA MISSING -	-	-	-	-	-	-	-	-	-	-	-	-
9	***	***	***	***	***	***	***	***	***	***	***	***	15	18	22	21	21	23	26	29	27	26	25	25	***
10	24	24	24	23	25	24	22	19	19	18	16	16	16	14	14	14	14	14	13	14	14	17	20	19	18
11	16	15	13	14	14	18	21	15	12	11	11	11	11	23	25	32	29	29	33	37	40	44	46	40	23
12	32	32	32	32	31	31	34	34	32	28	26	26	26	26	26	26	26	27	30	34	34	33	33	33	30
13	33	33	30	27	26	26	24	20	20	20	20	22	23	22	22	22	22	22	22	23	23	23	21	21	24
14	20	20	20	20	20	22	26	25	22	21	21	21	21	21	23	23	20	***	***	***	***	***	***	***	22
15	***	***	***	***	***	***	***	***	***	***	***	***	20	20	21	21	21	21	21	21	21	22	23	23	***
16	26	28	30	30	44	27	30	28	23	22	22	22	22	25	25	28	27	26	28	28	28	26	26	26	27
17	26	25	25	26	26	30	34	35	28	24	23	23	24	24	26	29	26	25	27	29	29	28	26	25	27
18	25	25	25	25	25	29	32	32	26	24	23	23	25	26	28	36	37	32	35	30	28	42	27	27	29
19	27	27	26	26	26	28	30	26	26	25	24	24	24	24	26	26	27	28	31	34	41	41	36	35	29
20	36	39	42	42	36	33	33	33	33	33	33	30	27	27	27	27	28	28	29	31	31	31	32	31	32
21	30	30	30	30	31	34	38	47	43	36	32	32	32	32	31	31	31	33	34	34	33	31	31	35	33
22	32	32	30	29	29	31	36	39	33	31	***	35	34	34	34	34	35	37	37	35	36	38	37	37	34
23	36	36	37	37	36	36	38	41	38	35	34	34	32	32	32	34	36	36	36	36	36	35	35	36	36
24	31	31	29	28	25	25	25	25	22	24	23	23	23	25	27	27	29	30	33	33	29	28	27	27	27
25	27	28	27	27	27	28	33	37	36	31	28	31	33	32	7	7	7	7	7	7	8	8	8	8	21
26	7	6	7	6	6	6	6	6	6	6	6	6	9	8	8	8	8	8	8	9	8	8	8	9	7
27	8	8	9	8	10	10	11	11	11	11	11	11	11	11	11	11	11	11	9	9	9	9	9	10	10
28	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	***	14	14	16	18	18	18	11
29	18	18	18	18	18	20	21	20	20	20	18	19	19	19	21	20	20	20	20	20	20	20	20	20	19
30	20	21	20	21	21	21	22	22	19	18	15	15	15	17	17	***	***	***	13	13	13	13	13	13	13
MEAN	24	24	23	23	23	24	26	26	24	22	21	21	21	22	22	23	23	23	23	24	24	25	24	24	23

PERCENTAGE OF DATA VALID - 82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	15	15	14	15	16	22	22	17	16	16	16	16	16	15	16	17	17	21	22	25	24	19	18	18
2	17	20	19	19	15	17	18	18	15	15	15	15	15	15	15	17	17	16	17	17	15	15	15	17	16
3	21	21	21	20	21	19	17	17	17	17	16	14	14	15	14	11	13	13	13	12	14	14	13	11	16
4	14	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	16	16	17	21	22	15
5	21	19	19	22	22	24	34	44	33	33	20	19	15	15	15	15	15	17	17	17	18	18	17	16	21
6	16	16	16	18	18	20	22	22	21	16	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	22	22	22	22	21	21	21	21	****
8	21	21	21	21	21	21	20	22	23	24	27	27	25	22	22	22	22	21	20	20	20	22	26	25	22
9	24	24	29	34	9	6	****	****	****	****	****	****	38	38	38	38	38	38	38	38	38	38	38	38	32
10	38	38	38	38	38	38	38	38	38	39	40	40	35	36	36	35	37	37	37	38	39	39	38	37	38
11	37	37	37	37	37	37	37	37	36	35	35	33	31	33	33	32	32	32	33	32	32	32	31	31	34
12	33	33	32	33	33	38	38	40	39	39	39	39	42	41	39	39	39	39	39	39	39	39	39	39	38
13	39	37	37	37	37	39	47	44	40	37	37	36	36	36	36	36	36	36	36	36	36	36	36	36	37
14	47	47	47	37	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	9	7	7	7	9	14	16	15	14	11	14	14	14	14	17	18	15	21	12	10	7	6	9	****	
16	9	8	10	10	9	18	19	17	16	16	16	18	17	18	20	20	17	14	11	8	7	6	****	****	
17	****	****	****	8	10	11	16	18	14	13	16	16	17	18	17	17	18	17	17	17	17	17	10	9	15
18	6	8	8	****	6	****	****	6	6	****	****	****	****	****	****	****	****	8	8	8	8	****	****	****	****
19	****	****	****	****	7	11	15	13	12	10	7	****	6	10	8	9	9	10	12	12	7	****	****	****	10
20	****	7	9	8	9	17	20	16	12	8	****	****	****	****	8	8	6	6	****	****	****	****	****	****	****
21	****	****	****	6	8	8	9	9	9	9	7	7	8	8	10	9	8	6	****	****	****	****	****	****	****
22	****	****	****	****	****	****	****	****	7	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
23	****	****	****	****	****	7	8	9	9	9	9	9	7	7	11	16	14	11	7	****	****	****	7	6	9
24	****	****	****	****	****	7	8	10	12	10	8	6	****	****	****	7	9	12	19	27	16	9	6	6	11
25	7	7	7	7	7	7	8	10	13	12	13	13	13	13	13	13	13	15	12	9	10	12	11	6	10
26	6	6	6	6	10	13	18	23	22	22	22	21	20	21	21	21	22	20	18	19	19	18	18	17	16
27	18	18	18	18	18	16	25	76	46	46	41	38	38	39	39	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING	DATA MISSING
29	****	****	****	****	****	****	****	****	****	****	****	****	****	26	25	25	25	24	21	22	21	21	20	19	****
30	19	19	20	21	22	22	****	****	24	25	22	20	21	22	27	****	****	****	****	****	****	****	****	****	****
31	- DATA MISSING -																								
MEAN	21	20	21	20	17	18	21	24	20	20	21	21	21	22	21	20	20	19	20	21	20	20	20	20	20
PERCENTAGE OF DATA VALID -	71																								

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	- DATA MISSING -	****	****	****	39	39	36	34	33	33	36	33	****
2	32	32	32	31	31	31	33	37	35	33	****	****	- DATA MISSING -	****	****	****	****	****	****	****	****	****	****	****	****
3	****	****	****	****	****	****	****	****	****	****	****	****	****	19	16	17	18	16	17	19	19	19	19	18	****
4	18	16	14	16	14	13	14	15	16	15	14	14	13	13	15	15	17	18	17	16	16	17	17	16	15
5	17	17	18	17	16	16	17	19	17	15	15	16	15	17	16	16	17	17	19	16	19	22	22	20	17
6	21	21	21	20	19	18	17	18	18	17	16	14	14	15	15	16	16	16	19	22	23	23	23	21	18
7	20	18	16	16	16	18	18	23	24	19	16	17	17	18	18	16	19	17	16	15	16	16	16	16	18
8	15	14	15	15	15	16	16	17	17	17	18	17	17	18	18	18	18	19	21	24	23	24	24	21	18
9	22	27	30	30	28	27	30	37	38	35	33	30	27	26	24	25	26	30	36	35	36	37	36	37	31
10	37	38	38	38	32	27	29	31	31	28	26	23	27	25	26	28	36	31	28	28	25	25	25	24	29
11	24	23	21	22	21	21	21	23	25	24	24	24	27	27	28	28	30	30	30	28	28	26	27	26	25
12	28	28	27	27	26	27	26	27	29	30	30	31	32	33	33	34	34	33	34	33	33	31	30	30	30
13	30	30	29	30	29	28	29	30	32	34	33	31	33	36	36	37	41	43	42	40	50	47	48	48	36
14	52	52	53	54	45	39	33	36	39	40	40	49	51	32	24	24	23	45	26	24	22	21	22	22	36
15	22	22	21	21	21	22	23	28	27	25	24	23	23	24	24	22	29	42	35	29	26	25	27	25	25
16	****	****	****	****	****	****	****	****	****	****	****	****	10	10	11	11	12	13	13	13	11	9	9	9	****
17	10	9	9	9	9	6	6	6	7	8	****	****	****	****	****	****	8	9	10	10	7	9	9	9	8
18	9	9	9	9	9	9	10	11	11	11	12	12	12	12	12	12	12	12	12	11	11	11	11	11	11
19	11	11	11	11	11	11	11	10	11	12	11	12	12	12	12	14	****	****	****	****	****	****	****	****	11
20	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	12	12	12	12	12	12	14	****
21	14	13	13	12	12	10	10	10	10	13	15	16	13	13	13	13	13	13	13	15	16	18	16	15	13
22	15	16	15	14	14	14	14	14	14	14	14	14	14	14	16	16	14	15	15	15	13	13	13	14	14
23	14	13	12	12	12	12	12	12	12	12	10	10	10	10	10	10	11	12	12	12	12	12	11	11	12
24	10	10	10	10	14	16	18	18	18	17	16	14	10	10	12	12	12	12	14	14	14	14	14	10	13
25	- DATA MISSING -												- DATA MISSING -												
26	- DATA MISSING -												- DATA MISSING -												
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	21	21	21	21	20	19	19	21	22	21	20	20	20	19	19	19	21	23	22	21	21	21	21	20	21
PERCENTAGE OF DATA VALID -					68																				

UNITS - PARTS PER TEN MILLION

MONTH DEC 70

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - PHARMACY AND 401 TORONTO

NO 33002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY	12	20	28	40
JUN		DATA MISSING		
JUL	1	24	0	36
AUG	28	20	34	47
SEP	27	23	36	47
OCT	29	20	38	76
NOV	25	21	36	54
DEC	21	29	42	48
YEAR	143	22	42	76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - PHARMACY AND 401 TORONTO

NO 33002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR		DATA MISSING							
APR		DATA MISSING							
MAY	27	81	85	25	0	0	0	0	218
JUN		DATA MISSING							
JUL	0	0	14	1	0	0	0	0	15
AUG	83	217	202	78	0	0	0	0	580
SEP	62	111	289	131	0	0	0	0	593
OCT	114	194	97	124	1	0	0	0	530
NOV	47	236	129	81	0	0	0	0	493
DEC	0	105	155	153	0	0	0	0	413
YEAR	333	944	971	593	1	0	0	0	2842

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT						98	99	MAX	ARITH MEAN
55	6	9.2	15.4	20.3	26.0	36.6	40.2	42.4	45.2	76	22		

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													DATA MISSING													
2	****	****	****	****	****	****	****	****	****	****	10	9	8	8	8	8	24	36	32	40	36	36	32	32	12	****
3	11	9	11	****	****	6	6	6	****	****	****	****	****	6	6	7	9	8	9	16	15	44	28	24	13	
4	20	44	36	20	15	10	6	10	8	8	8	10	8	8	8	8	8	8	6	8	8	9	8	7	12	
5	8	7	9	8	7	7	9	10	14	14	16	13	12	12	12	12	14	16	14	18	15	14	13	13	12	
6	11	11	11	16	32	18	14	12	12	12	16	12	12	12	13	12	14	35	44	50	48	40	36	33	22	
7	29	26	20	20	16	12	12	14	18	16	15	14	14	15	20	14	15	15	15	14	13	12	13	13	16	
8	14	16	16	16	15	15	14	14	18	18	18	18	20	17	18	18	18	18	18	18	18	18	18	17	17	
9	18	17	18	19	18	17	16	17	20	20	20	19	18	18	18	20	20	20	20	20	19	19	19	19	19	
10	15	15	14	14	14	14	14	14	15	15	15	15	15	15	14	14	14	14	14	14	15	16	16	18	15	
11	17	17	17	17	17	16	16	16	16	16	16	16	17	17	17	17	16	37	36	33	23	23	23	21	20	
12	23	19	18	17	17	16	16	18	19	19	19	20	17	17	18	20	30	22	21	24	24	23	20	26	20	
13	18	20	16	19	19	16	17	20	20	20	18	16	16	18	16	17	20	24	32	22	18	16	16	23	19	
14	36	33	34	30	28	26	32	36	41	28	16	16	16	16	16	16	16	25	40	36	40	60	56	56	31	
15	45	18	15	15	15	15	15	18	20	20	24	23	18	18	18	17	20	20	20	20	18	16	20	20	20	
16	19	18	17	16	16	18	19	37	48	48	44	24	25	27	28	28	26	24	24	22	23	22	21	20	26	
17	20	22	23	22	19	19	18	17	18	18	18	18	17	17	17	18	18	19	18	18	18	18	18	18	19	
18	18	18	18	18	17	17	17	17	17	17	17	17	17	18	18	17	17	18	32	36	40	48	52	56	24	
19	43	44	40	44	36	30	20	21	22	21	21	17	17	18	21	23	26	23	19	20	21	23	19	20	25	
20	20	20	20	16	19	21	22	21	28	22	20	20	18	19	19	19	20	20	18	17	19	20	18	18	20	
21	17	16	16	16	16	16	16	16	17	17	16	16	17	20	****	16	10	14	34	13	8	8	17	27	16	
22	9	8	6	****	6	6	6	7	10	18	18	10	6	6	6	6	8	8	7	7	7	8	8	7	8	
23	8	8	8	8	8	8	9	10	11	11	10	9	8	8	****	14	14	15	13	12	14	14	14	12	11	
24	17	27	31	32	28	32	34	36	32	28	17	16	17	16	18	16	16	15	16	15	15	15	15	16	22	
25	17	18	18	18	19	63	36	32	21	20	20	20	20	20	18	18	17	18	19	18	17	18	17	16	21	
26	15	15	15	15	15	16	16	19	18	19	17	16	16	16	18	18	18	19	20	26	36	42	40	48	21	
27	52	80	80	27	20	20	18	20	21	20	19	18	18	18	18	20	23	24	28	30	30	24	22	20	28	
28	20	19	19	18	17	18	18	20	19	22	20	20	18	20	40	21	20	20	20	20	20	20	20	20	20	
29	20	18	18	18	19	20	20	22	32	30	22	22	20	21	23	24	20	18	16	16	16	16	16	16	20	
30	16	16	16	16	16	16	16	16	18	18	16	16	16	16	16	16	18	21	28	26	20	21	22	22	18	
31	21	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
MEAN	21	21	21	19	18	18	17	18	20	20	18	17	16	16	17	17	18	20	22	22	21	23	22	22	19	

PERCENTAGE OF DATA VALID - 94

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
2	20	20	20	26	28	35	32	24	30	28	34	30	26	32	28	50	36	32	25	19	18	18	18	18	27
3	18	18	18	18	18	18	18	19	20	20	18	18	18	18	18	18	18	19	18	18	18	18	18	18	18
4	18	18	19	20	20	20	22	24	28	24	24	22	21	20	20	22	20	22	22	22	22	22	23	21	21
5	23	24	24	24	23	22	22	23	24	24	22	22	****	17	18	19	20	20	20	20	20	23	28	32	23
6	48	32	29	20	20	20	22	27	30	29	18	18	18	18	18	16	16	20	20	20	20	20	****	****	23
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
9	40	50	64	64	56	48	44	44	44	44	44	44	44	****	46	46	46	46	40	38	38	36	38	40	****
10	16	16	16	16	16	14	14	14	12	12	12	12	****	****	****	****	****	20	20	20	20	20	20	20	16
11	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	20	20	20	20	20	20	20
12	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
13	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20	24	24	24	20	26	24	24	22	20	20	20	20	20	20	20	20	20	21
15	20	20	22	24	24	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17	20	20	20	20	20	18	20	20	18	18	18	18	20	18	18	16	18	20	20	20	20	22	20	20	****
18	12	12	12	12	12	14	12	14	14	14	15	14	14	12	12	60	14	14	16	14	16	18	16	14	16
19	14	12	14	14	16	14	14	14	14	12	14	12	****	16	16	16	16	22	8	8	8	8	8	8	13
20	8	8	8	8	8	8	8	8	8	10	14	12	12	12	10	8	10	12	12	12	12	12	12	12	10
21	12	12	12	12	12	12	12	14	16	12	24	12	12	12	10	8	8	8	8	8	8	8	8	8	11
22	8	8	8	8	8	8	8	10	10	10	20	10	10	10	8	****	****	12	12	12	12	12	12	12	10
23	14	12	24	14	14	14	16	18	20	16	14	14	14	12	12	13	12	14	16	16	14	14	18	18	15
24	18	12	22	12	12	12	10	10	10	10	10	10	33	14	8	8	8	8	8	8	8	8	8	8	11
25	8	10	24	14	12	12	14	13	14	12	12	12	10	10	10	8	10	8	10	10	12	12	12	10	12
26	12	12	12	12	15	12	10	10	10	10	10	10	12	12	12	12	12	14	12	12	12	10	10	12	12
27	12	12	12	12	11	10	10	10	10	10	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	12	12	12	12	12	11	10	10	10	10	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	18	18	20	19	19	18	18	18	19	18	19	18	20	17	17	21	18	18	17	17	17	17	17	18	18

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	16	16	12	****	7	6	9	7	****
7	9	8	9	6	****	****	****	8	7	9	6	7	7	7	****	****	6	****	****	****	****	****	****	****	****
8																									
9	****	****	****	****	****	****	****	****	****	****	****	12	26	14	17	6	7	7	6	****	****	6	7	7	****
10																									
11																									
12																									
13	****	****	****	****	****	****	****	****	****	****	****	****	****	8	8	8	8	8	6	6	6	6	6	****	****
14	6	8	8	9	8	8	32	10	8	8	6	****	****	****	****	****	****	****	****	****	6	6	6	6	****
15	10	32	24	56	28	12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
16	****	****	****	****	****	****	****	6	6	6	****	****	****	****	****	****	6	6	****	****	6	6	6	6	****
17	9	8	6	6	6	24	44	28	17	12	8	****	6	6	****	****	****	****	****	6	20	34	34	52	48
18	48	44	40	44	44	36	32	24	18	10	8	6	6	6	****	6	8	8	8	8	8	8	8	8	19
19	8	9	19	21	24	20	28	19	12	12	8	6	6	16	16	14	16	16	52	51	65	58	64	24	24
20	64	61	18	16	16	16	14	14	14	16	16	16	16	16	16	17	16	15	14	14	12	16	14	19	19
21	14	14	14	14	12	12	12	12	13	13	13	12	12	12	12	12	12	12	13	14	16	14	14	13	13
22	14	12	13	12	16	16	20	16	16	14	14	14	14	12	12	12	14	13	13	12	13	12	14	13	14
23	12	12	12	12	13	14	13	14	19	16	12	12	10	10	8	8	8	8	8	8	8	16	14	11	11
24	13	14	13	14	14	13	14	15	12	12	12	12	12	12	12	10	12	12	12	14	16	14	16	14	13
25	16	17	18	16	16	28	24	19	18	14	12	12	12	12	12	13	13	13	14	14	16	16	14	15	15
26	12	14	14	12	12	12	12	12	12	12	13	13	13	13	14	14	****	14	12	12	12	12	12	12	13
27	12	12	12	12	12	12	12	12	12	12	12	12	15	16	16	16	16	18	18	18	18	20	20	19	15
28	18	18	18	18	18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	19	20	20	20
29	20	20	20	20	20	20	19	18	18	18	18	18	18	18	18	20	20	20	20	20	18	20	18	17	19
30	21	22	20	18	18	18	18	18	18	18	20	20	22	21	24	22	22	22	21	20	20	20	22	24	20
31	26	38	30	26	30	30	28	24	24	22	20	21	20	22	21	16	18	20	21	20	19	16	26	40	24
MEAN	18	20	17	18	18	18	21	16	15	14	13	13	14	13	15	14	13	14	13	17	17	16	18	19	16

PERCENTAGE OF DATA VALID - 56

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	39	40	48	48	46	42	38	26	21	18	18	17	16	****	20	20	20	18	16	16	16	18	16	27
2	16	16	16	18	16	16	16	16	16	17	16	16	16	16	17	18	18	20	17	16	16	16	14	13	16
3	12	14	14	13	12	14	12	14	16	16	16	16	16	17	16	****	12	12	12	14	15	14	15	16	14
4	16	16	18	13	14	14	15	14	12	12	12	12	12	12	12	12	12	12	12	14	14	14	17	16	14
5	16	16	16	13	12	12	12	12	12	12	12	12	12	10	12	13	12	12	12	12	12	12	13	13	13
6	13	13	14	16	16	18	16	16	16	12	12	12	12	12	13	18	16	16	14	****	****	****	****	****	14
7	****	****	****	****	****	****	****	****	****	****	****	****	16	14	14	12	12	14	13	13	14	18	17	16	****
8	16	16	14	14	14	14	14	16	16	16	16	16	16	14	12	12	13	12	16	15	14	16	18	15	15
9	16	14	16	17	16	17	16	16	13	13	12	12	12	12	12	****	18	14	12	12	12	13	12	13	14
10	16	16	13	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	12	12
11	14	20	24	14	16	14	17	13	12	13	14	13	12	14	13	12	16	16	16	14	14	16	14	14	15
12	14	14	14	14	14	16	14	12	12	12	12	12	12	12	12	12	12	12	16	14	13	13	13	14	13
13	14	32	32	28	29	26	17	16	16	15	****	16	12	12	12	12	12	16	14	14	13	13	13	12	17
14	12	14	14	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15																									
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	22	20	18	18	20	16	16	24	25	84	****
17	52	52	64	62	76	92	72	28	24	22	26	20	16	20	30	16	14	14	14	14	14	15	16	15	33
18	15	15	15	14	14	14	14	14	14	14	14	14	18	15	15	14	15	15	15	15	16	15	16	15	15
19	22	17	17	16	16	16	16	16	16	16	24	18	16	16	16	16	16	16	16	16	16	17	18	17	17
20	16	13	7	****	****	****	****	****	****	****	****	****	14	12	12	12	11	13	12	14	18	22	24	48	****
21	64	22	12	12	12	12	12	13	14	12	20	14	11	13	14	12	12	11	10	10	10	10	10	10	15
22	12	12	12	****	****	****	****	****	****	****	****	****	****	****	****	22	14	14	10	16	12	12	12	14	****
23	13	10	12	11	10	10	12	12	12	12	12	14	26	14	12	86	120	40	16	13	12	14	12	16	20
24	28	28	16	16	14	14	26	20	18	16	16	14	14	12	12	****	16	14	16	20	18	16	16	16	17
25	16	16	16	16	16	16	16	14	16	14	14	14	14	14	13	14	12	12	14	16	20	24	20	24	16
26	18	16	15	16	30	34	44	28	22	20	16	14	14	14	15	14	14	15	18	20	24	44	56	26	23
27	48	52	56	56	58	60	56	44	36	34	34	28	24	22	20	20	22	21	22	28	28	26	22	22	35
28	20	22	20	20	20	22	20	20	20	****	14	12	12	12	12	12	12	12	12	16	22	44	26	12	18
29	12	12	12	12	12	12	12	14	12	12	12	12	12	12	14	14	13	13	14	16	14	14	14	16	13
30	18	20	16	16	16	16	22	23	24	22	30	****	22	18	18	18	24	24	24	26	100	108	80	44	32
MEAN	21	20	20	20	21	22	22	18	17	16	16	16	14	14	18	19	16	15	15	16	19	21	20	21	18

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	50	72	68	24	18	20	22	22	20	18	17	16	17	16	16	18	19	18	16	16	16	16	15	16	24
2	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4	16	16	18	20	20	20	22	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	12	14	16	42	48	48	32	20	20	20	18	16	16	16	16	16	18	16	16	16	14	12	14	12	17
6	12	12	12	12	12	12	12	12	14	14	12	12	14	14	12	12	12	16	16	16	12	12	12	12	19
7	20	24	34	40	48	36	20	20	20	20	18	18	18	18	18	18	18	20	20	20	24	25	22	20	23
8	22	20	24	24	28	24	24	24	24	26	24	20	24	24	****	30	30	24	28	28	32	54	64	58	30
9	62	48	68	28	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25
10	20	22	22	20	20	40	24	20	26	26	24	22	22	20	20	20	20	20	20	22	22	22	24	23	
11	28	34	36	32	48	32	28	24	22	20	20	18	20	****	****	58	60	56	56	52	48	46	44	44	38
12	44	42	40	38	38	38	40	38	36	36	36	36	36	36	36	36	36	34	34	32	34	32	32	34	36
13	36	34	32	32	52	42	46	50	40	36	34	44	38	30	12	****	****	****	****	****	****	****	****	****	****
14																									
15																									
16																									
17																									
18																									
19	****	****	****	****	****	****	****	****	****	****	****	38	26	22	20	20	20	20	20	24	24	20	18	****	
20	17	17	18	18	18	18	18	18	18	18	18	16	16	20	20	20	20	20	20	20	46	44	52	42	23
21	46	58	46	40	42	42	28	20	18	20	20	20	20	20	22	24	24	24	24	24	26	47	56	64	32
22	56	54	56	28	24	22	26	34	26	22	24	24	****	****	****	****	****	****	****	****	****	****	****	****	****
23																									
24																									
25	****	****	****	****	****	****	****	****	****	****	****	****	11	9	10	11	11	12	14	11	10	12	13	13	****
26	12	9	12	13	13	13	13	13	11	12	12	8	9	9	8	8	8	7	8	7	8	9	8	9	10
27	11	11	10	8	9	9	****	****	****	****	****	14	13	40	33	24	14	****	7	10	8	17	31	26	23
28	25	26	24	24	23	23	13	12	12	9	10	10	11	11	10	11	11	14	14	13	14	12	11	12	15
29	21	32	20	23	26	17	12	12	10	11	11	10	12	12	11	10	11	10	11	11	12	11	10	13	14
30	18	37	33	33	34	32	20	11	11	11	10	11	12	11	11	11	11	11	12	12	13	24	50	53	21
MEAN	51	48	18	12	11	12	12	12	13	13	12	11	11	11	11	10	10	10	11	13	15	17	17	16	16

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	14	16	17	15	14	15	17	17	17	14	13	14	15	13	11	12	12	13	15	15	12	11	12	14
2	13	17	20	24	23	21	24	22	17	16	16	16	15	17	20	21	24	28	30	29	31	29	27	25	22
3	20	18	18	17	17	17	16	17	18	18	18	18	25	26	24	18	15	16	15	15	15	17	17	20	18
4	20	21	23	25	21	19	17	18	16	15	30	47	49	49	45	27	32	31	34	46	50	68	52	58	34
5	53	58	58	63	71	65	56	34	32	34	36	36	36	36	34	33	33	33	32	33	31	33	33	32	41
6	32	36	50	37	34	33	32	30	30	30	32	32	35	32	29	22	12	****	****	****	****	****	****	****	32
7																									
8	****	****	****	****	****	****	****	****	****	****	27	23	14	11	****	****	****	****	****	****	****	****	****	****	****
9																									
10																									
11	****	****	****	****	****	****	****	****	****	****	****	****	11	11	11	12	12	12	12	20	20	13	13	13	****
12	13	13	13	14	14	14	16	18	18	17	14	14	13	13	15	15	13	13	13	16	14	14	14	14	14
13	18	20	20	20	19	16	14	14	12	12	13	13	13	12	12	16	13	13	13	30	34	38	27	18	
14	34	34	30	32	35	29	25	17	13	13	13	13	13	13	13	13	14	16	16	17	16	16	29	20	
15	28	26	28	24	24	24	24	22	17	18	17	17	22	17	17	19	19	16	17	17	17	15	16	****	20
16	****	24	24	18	16	16	15	****	18	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17																									
18																									
19																									
20																									
21																									
22	****	****	****	****	****	****	****	****	****	****	****	****	13	9	9	11	11	11	11	11	11	13	16	36	39
23	44	40	38	36	34	30	26	17	13	16	****	****	9	9	****	****	****	****	****	****	****	****	****	****	****
24																									
25	****	****	****	****	****	****	****	****	****	****	****	****	****	8	8	8	8	8	8	8	24	30	35	22	****
26	32	26	21	16	14	9	9	9	11	11	9	9	9	9	9	9	9	9	9	9	9	9	9	7	12
27	7	7	7	7	7	7	7	7	7	7	7	7	10	****	****	****	****	****	****	****	****	7	18	23	32
28	18	26	19	18	14	12	14	****	****	8	10	8	10	10	6	6	6	6	7	7	7	7	7	7	11
29	7	7	7	9	9	7	8	9	8	7	6	6	9	12	14	14	14	11	15	18	17	16	17	17	11
30	13	13	11	10	10	10	10	10	10	10	10	10	12	12	12	12	11	11	12	12	12	20	12	21	12
MEAN	23	24	24	23	22	20	19	17	16	16	17	18	18	17	17	16	15	15	16	18	19	22	22	23	19

PERCENTAGE OF DATA VALID - 55

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH JUL 70

	NORTH SEA																								
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY																									
1	26	24	25	24	23	19	13	11	9	9	9	9	11	12	14	13	14	12	12	12	12	11	11	10	14
2	8	8	10	10	9	9	9	11	9	9	12	13	13	11	11	11	11	11	11	11	13	13	13	30	12
3	37	30	55	35	46	23	16	14	15	14	15	18	18	17	13	14	16	13	13	15	16	16	14	11	21
4	8	13	17	14	31	28	19	12	9	8	8	7	7	7	7	7	7	7	7	7	8	8	8	8	11
5	7	9	8	8	8	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	16	19	11	19	9
6	21	22	18	15	19	20	12	11	9	9	11	14	12	12	12	12	12	12	12	14	22	27	22	20	15
7	16	16	18	36	61	66	28	19	19	18	16	16	16	16	15	15	15	15	17	17	15	16	16	18	22
8	16	15	14	14	14	14	14	14	14	14	13	13	13	11	12	12	13	15	17	15	17	16	20	24	15
9	30	30	33	33	34	27	20	22	20	17	15	15	17	17	17	16	16	16	16	16	16	16	16	17	21
10	14	14	14	12	14	14	13	14	14	16	16	12	15	15	13	13	13	13	12	13	17	22	31	45	16
11	50	28	34	22	14	14	14	14	10	10	10	8	7	7	7	8	8	8	8	9	9	7	7	7	13
12	9	9	9	9	13	11	11	11	11	11	11	11	11	11	11	12	12	13	13	13	13	16	26	26	13
13	31	33	27	27	23	23	21	12	12	12	12	12	11	11	11	11	11	13	15	15	15	15	15	11	17
14	11	11	11	23	11	13	14	14	17	17	17	13	14	14	14	17	17	16	16	15	14	12	12	12	14
15	14	13	13	13	13	13	16	18	18	18	18	18	18	18	18	15	15	15	15	14	18	15	15	15	16
16	- DATA MISSING -																								
17	9	10	10	11	17	23	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19	16	11	9	8	8	8	9	11	9	9	9	11	10	10	12	12	9	8	9	9	9	10	9	8	10
20	9	9	8	8	7	7	11	9	8	8	7	7	9	9	9	8	8	9	9	9	24	26	28	32	12
21	32	30	27	27	29	26	27	15	10	9	9	10	14	11	10	9	9	8	8	11	14	44	41	31	19
22	36	31	37	35	39	44	39	27	13	10	10	9	9	9	9	10	9	14	10	10	10	10	10	9	19
23	10	35	37	32	19	22	15	14	16	11	10	9	10	9	10	10	9	9	9	9	10	15	22	34	16
24	33	36	44	35	44	31	27	11	9	9	8	8	10	8	8	8	8	8	8	8	11	17	46	18	
25	39	43	52	61	61	53	46	21	14	13	11	10	11	11	10	9	9	9	9	10	10	11	37	45	25
26	47	45	41	53	60	58	57	22	16	17	16	14	14	13	13	14	13	13	13	16	16	15	14	12	26
27	13	14	13	14	14	12	13	16	13	14	15	15	15	13	12	13	19	18	12	13	40	41	42	39	18
28	29	29	44	28	36	27	28	22	18	13	16	15	14	11	9	9	11	10	11	13	18	18	21	60	21
29	48	31	21	15	13	10	10	11	9	8	7	7	7	6	6	6	6	6	7	7	13	10	11	11	12
30	13	14	15	15	15	16	19	16	18	16	14	12	11	11	11	11	10	11	12	12	17	22	30	30	15
MEAN	22	22	23	22	24	22	19	14	12	12	12	12	11	11	11	11	11	11	11	12	15	17	19	22	16

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	69	69	73	65	69	45	43	13	10	10	9	10	9	9	9	8	8	8	6	6	6	11	23	29	26
2	10	10	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	9	10	10	9	9	8
3	10	9	9	11	13	9	8	8	8	8	8	8	8	9	9	8	8	8	8	8	8	8	8	8	9
4	8	8	7	7	7	7	7	7	7	7	7	9	12	13	14	15	15	16	17	39	45	38	35	38	16
5	37	31	26	20	31	25	25	21	16	16	16	16	18	19	21	20	19	19	19	20	40	47	33	48	25
6	42	37	37	35	37	36	33	24	19	18	18	20	22	21	20	19	19	19	18	19	43	42	41	48	29
7	51	53	56	48	50	49	40	29	22	19	16	16	16	16	16	16	15	16	16	18	28	35	35	36	30
8	39	35	33	30	33	29	32	17	16	17	16	15	15	16	16	16	16	15	16	16	17	15	16	15	21
9	17	18	27	43	36	33	30	24	20	18	17	16	16	16	16	15	16	17	29	32	45	42	44	47	26
10	45	58	49	47	46	48	39	24	22	20	20	18	18	19	18	19	19	18	19	18	23	20	19	18	28
11	19	19	19	21	23	20	21	21	20	22	21	24	22	20	18	19	19	19	26	32	49	52	49	64	27
12	61	58	59	65	61	54	40	36	28	20	17	26	21	22	22	27	34	25	22	28	42	50	50	53	38
13	62	62	63	61	55	60	59	48	30	28	25	25	24	22	26	26	23	22	23	27	48	56	50	55	41
14	52	57	56	54	56	57	52	46	34	27	27	28	26	25	25	24	24	24	23	25	26	25	24	26	35
15	26	26	27	26	23	24	22	22	22	22	19	21	21	22	22	22	22	21	22	23	43	46	50	32	26
16	28	35	37	39	40	36	30	26	23	22	22	22	23	24	23	24	22	22	23	23	24	24	25	31	27
17	36	38	36	35	37	41	44	29	24	22	21	22	25	26	26	25	27	29	27	28	55	39	29	31	
18	27	28	28	28	29	27	29	34	34	30	28	25	25	26	27	27	27	28	28	28	28	28	29	27	28
19	27	28	28	28	26	29	28	29	28	29	25	25	25	25	25	26	26	24	22	22	20	20	20	20	25
20	18	17	17	17	13	13	13	12	12	11	11	12	14	17	17	18	19	19	19	19	26	34	33	32	18
21	35	35	29	29	31	31	29	19	15	14	14	12	13	13	13	14	14	14	12	13	13	13	13	13	19
22	13	13	13	13	13	16	21	16	12	12	13	14	14	15	16	16	18	20	20	23	36	32	21	25	18
23	23	26	26	29	27	25	31	23	18	17	14	15	15	17	17	17	19	19	20	30	23	37	36	31	23
24	34	47	45	50	47	39	48	29	24	22	21	19	18	18	18	18	18	18	18	18	20	22	25	22	27
25	22	19	21	21	23	22	22	24	25	25	25	23	22	18	18	18	18	16	16	16	18	21	25	44	22
26	29	33	31	34	21	30	32	20	20	17	12	11	11	11	11	11	11	11	11	13	11	11	24	27	19
27	33	18	15	15	15	14	17	19	16	13	12	13	13	12	10	10	12	12	12	14	13	12	12	14	
28	13	13	18	13	12	12	12	12	12	11	11	11	12	12	12	14	14	14	14	14	14	14	14	21	14
29	32	41	38	24	20	21	16	14	13	13	13	13	13	13	15	16	16	17	17	16	14	13	13	13	18
30	13	13	13	13	13	21	20	16	13	11	11	11	11	11	11	11	11	11	11	11	13	16	21	15	13
MEAN	31	32	31	31	31	29	28	22	19	18	16	17	17	17	18	18	18	18	18	20	26	29	29	30	23

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	24	20	14	13	13	20	16	14	13	13	13	13	11	11	11	12	12	12	20	27	34	47	40	18
2	45	29	40	39	42	39	34	33	32	19	15	13	13	13	13	13	13	18	18	18	18	18	18	18	24
3	17	15	13	13	12	13	13	15	15	16	16	14	14	15	17	19	20	18	20	20	17	16	16	14	16
4	14	13	13	15	16	15	15	15	19	17	15	15	15	15	13	13	14	14	14	14	15	15	16	16	15
5	19	18	19	19	18	16	15	15	14	14	14	14	14	14	14	14	14	14	13	14	33	33	48	44	19
6	40	41	41	39	37	37	35	19	16	13	13	13	13	13	13	14	15	16	16	16	21	45	46	42	41
7	38	33	33	41	25	13	13	13	13	13	13	13	13	13	13	17	17	17	19	19	19	19	19	19	19
8	17	17	16	16	17	19	22	24	21	18	18	18	18	20	20	21	23	23	23	25	27	25	24	21	21
9	21	26	18	18	18	17	18	18	18	18	18	7	7	14	14	14	15	16	17	17	19	40	34	25	19
10	28	20	49	33	18	15	17	17	15	15	15	15	15	10	10	10	10	10	10	12	13	24	26	14	18
11	14	16	16	16	26	24	23	13	13	14	14	13	10	11	11	11	11	11	15	33	33	47	39	27	19
12	17	35	56	50	32	38	38	34	23	15	13	13	13	13	12	12	12	12	14	25	63	56	17	26	12
13	18	21	19	19	15	15	15	10	10	10	9	10	10	10	10	10	10	10	10	11	11	11	11	11	12
14	11	11	9	9	9	9	11	11	11	11	11	11	13	13	12	14	14	13	13	13	13	14	13	13	12
15	13	11	12	11	12	12	13	13	13	13	13	13	14	14	14	14	14	14	12	12	10	10	10	11	12
16	15	16	14	14	25	29	14	12	11	9	9	9	10	10	10	10	10	10	10	11	22	17	32	33	15
17	36	39	31	27	24	30	36	34	23	13	13	13	13	13	15	17	14	14	14	14	14	14	13	13	20
18	13	13	15	14	14	14	17	17	19	17	17	16	16	16	16	16	16	16	17	17	11	10	10	12	15
19	22	28	22	17	14	21	18	11	11	11	11	11	11	11	11	14	14	14	18	56	67	67	45	65	25
20	65	69	54	56	50	45	38	22	22	19	16	12	12	12	12	12	12	12	12	22	57	51	54	52	33
21	52	41	44	50	28	38	45	45	30	23	20	15	15	17	17	17	16	16	16	20	21	18	18	18	27
22	15	14	13	13	13	16	16	16	15	19	15	13	13	13	13	14	13	13	13	14	13	13	13	12	14
23	10	9	9	10	10	9	9	10	9	9	9	9	9	10	11	11	14	15	16	12	12	17	23	55	13
24	25	12	12	11	11	11	10	12	13	11	12	12	12	13	15	12	14	18	14	11	13	15	11	12	13
25	17	15	12	15	24	28	32	29	18	16	12	10	10	13	13	12	12	17	31	36	56	34	61	61	24
26	59	54	30	22	15	16	15	15	15	13	14	14	10	9	9	11	9	6	6	6	6	6	6	6	19
27	.....	.....	.....	6	6	.....	6	6	6	6	6	6	6	6	6	6	6	6	8	12	14	26	23	12	9
28	9	12	41	54	46	22	15	16	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	14
29	8	8	8	8	8	8	8	8	10	10	7	7	8	9	9	10	10	9	12	12	12	11	14	14	10
30	11	11	19	22	36	55	34	21	13	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	15
MEAN	24	23	24	23	21	22	21	18	16	14	13	12	12	12	12	13	13	13	14	17	22	25	26	24	18

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	10	11	10	10	17	13	11	10	10	11	12	12	11	11	12	13	14	16	16	38	11	11	13
2	12	12	12	12	12	11	14	14	12	12	12	12	12	12	14	15	15	15	15	17	15	15	15	16	13
3	16	78	62	47	16	11	13	14	11	11	11	11	11	11	12	12	12	11	12	13	13	12	12	12	19
4	12	14	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	14	37	40	37	35	16	
5	37	46	59	45	37	35	37	48	51	30	14	13	13	14	14	14	14	14	14	15	15	14	14	18	26
6	15	15	17	16	40	21	16	18	18	18	16	13	14	19	15	17	17	17	21	99	127	86	86	83	34
7	83	79	86	86	93	84	84	69	65	43	22	22	19	19	19	20	24	23	24	98	76	68	86	70	57
8	61	66	71	70	62	67	73	69	60	49	29	.....	16	13	14	17	15	13	14	13	21	21	45	49	40
9	54	65	65	60	43	36	20	15	12	12	11	11	11	11	11	11	11	11	22	30	9	9	9	23	
10	9	8	9	10	9	9	9	9	9	9	9	12	11	10	11	11	10	11	11	27	43	41	31	26	15
11	36	37	34	34	32	26	26	26	13	13	13	13	10	10	10	11	11	11	11	12	12	12	12	12	18
12	12	12	14	13	13	17	16	16	14	16	18	19	19	19	19	17	15	15	16	19	17	16	29	22	17
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	17	17	18	16	16	16	18	17	21	21	27	.....
14	22	22	25	33	33	25	25	30	27	22	22	25	34	36	28	21	17	17	17	17	17	17	17	17	24
15	16	16	16	16	17	17	17	18	17	17	17	17	17	17	17	18	18	17	17	17	18	18	35	28	18
16	17	17	17	17	17	17	21	23	10	.....	11	16	17	17	17	18	18	15	18	20	43	39	50	21	
17	40	77	78	60	41	41	48	47	30	20	20	21	20	18	18	19	19	21	57	55	62	56	36	23	21
18	20	22	23	23	25	25	24	23	20	20	20	20	19	19	19	20	20	20	20	20	20	20	20	29	21
19	38	37	34	37	37	36	40	44	32	20	20	21	16	13	13	15	15	15	17	16	19	26	32	34	26
20	33	29	29	36	32	31	42	51	47	15	15	17	17	17	17	17	17	17	17	17	17	17	17	17	24
21	17	17	17	16	15	16	16	16	16	16	16	16	17	17	17	19	17	15	14	14	14	14	14	14	16
22	14	16	16	15	14	14	14	14	15	16	15	15	17	14	14	15	21	24	20	16	16	15	14	14	16
23	13	13	13	13	13	13	13	14	14	14	14	14	14	14	14	19	27	29	48	31	46	52	55	46	23
24	42	31	23	32	39	37	29	17	18	18	18	20	17	17	17	17	17	17	59	52	45	68	54	51	31
25	17	17	17	19	26	26	23	23	16	16	16	16	16	16	16	16	16	16	28	40	30	19	18	18	20
26	18	19	24	27	18	18	18	20	20	19	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19
27	19	19	19	20	20	20	20	20	21	22	24	20	20	20	20	20	22	21	21	21	21	21	21	21	21
28	21	21	21	21	21	21	21	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
29	10	13	11	11	11	11	11	12	12	12	12	12	12	12	12	15	15	13	13	13	13	13	13	13	12
30	12	12	12	12	12	12	13	14	14	14	12	14	16	16	16	18	15	13	14	14	14	15	14	15	14
31	15	15	15	15	15	15	15	16	16	16	16	16	19	19	19	38	79	23	21	19	19	16	16	19	21
MEAN	25	28	29	28	26	24	25	25	22	18	16	16	16	16	16	17	18	16	20	26	27	27	27	27	22

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	17	18	18	47	94	33	13	13	13	13	14	13	15	16	18	20	21	56	119	51	26	20	18	29
2	18	18	16	16	16	16	16	19	19	18	15	17	16	16	13	13	16	16	13	13	12	12	12	12	15
3	13	13	12	12	12	12	14	14	12	14	13	12	12	13	12	12	13	12	12	13	11	10	10	10	12
4	10	10	10	10	10	10	11	14	15	14	12	12	12	11	11	11	14	13	13	12	12	16	21	32	13
5	27	35	30	28	39	16	14	14	14	14	15	15	15	15	15	15	17	16	16	19	42	34	43	42	23
6	42	46	40	28	21	18	20	20	20	20	20	20	16	19	16	17	17	17	17	17	17	17	17	16	22
7	18	18	18	18	19	20	19	21	19	16	16	16	16	16	16	16	16	16	16	16	16	18	18	28	18
8	39	45	40	44	36	32	31	29	24	17	17	17	16	16	16	16	17	19	19	21	25	40	49	34	27
9	30	25	39	31	36	39	43	57	21	20	20	19	19	19	23	23	24	20	24	17	21	21	21	18	26
10	17	17	17	17	17	17	17	19	19	19	19	17	17	18	18	18	18	20	22	21	21	22	22	30	19
11	49	60	65	54	50	44	35	43	43	34	24	11	6	26	26	26	50	62	56	57	57	54	53	54	43
12	53	54	54	54	52	52	52	52	53	54	52	52	52	52	52	52	52	52	52	51	51	51	51	51	52
13	32	31	32	30	28	28	27	28	27	26	26	24	23	23	24	21	23	20	18	17	16	16	16	14	24
14	13	13	13	14	13	13	13	14	13	13	13	13	13	14	14	13	13	12	13	13	13	13	13	13	13
15	14	14	13	13	13	11	11	11	11	8	8	8	10	12	12	12	12	12	12	12	12	11	12	12	12
16	14	14	14	14	19	19	18	24	20	19	17	****	****	16	15	15	17	15	13	13	11	11	11	11	15
17	12	12	12	11	12	12	13	16	17	17	14	13	14	13	12	****	****	****	****	****	****	****	****	****	****
18	****	****	****	****	****	****	****	****	****	****	****	****	16	13	14	15	13	13	14	13	12	13	11	12	12
19	14	14	14	14	14	14	15	13	17	15	14	13	14	14	12	13	12	15	15	14	17	82	93	17	20
20	19	15	13	11	13	12	12	13	13	13	14	11	11	12	12	11	9	8	9	8	9	10	10	8	12
21	10	9	9	9	10	11	10	10	10	9	9	9	10	10	9	9	11	8	8	9	11	11	11	9	10
22	12	12	8	8	9	9	9	9	10	10	11	10	10	9	8	8	9	8	7	7	9	9	8	9	9
23	9	10	7	9	8	9	8	9	10	10	10	10	9	****	****	****	****	****	****	****	****	****	****	****	****
24	****	****	****	****	****	****	****	****	****	****	****	****	6	6	7	7	8	10	12	12	11	13	13	13	****
25	10	10	8	9	10	10	11	12	14	10	11	9	10	10	10	10	12	10	9	9	9	10	9	8	10
26	9	9	9	9	9	9	9	10	13	12	12	10	8	9	10	10	10	11	10	9	9	9	9	8	10
27	7	7	8	10	11	12	23	19	20	22	24	25	41	35	32	23	14	14	14	14	13	11	12	12	18
28	11	11	11	11	10	10	11	10	10	10	10	10	10	10	9	9	9	9	10	10	10	10	10	10	10
29	8	10	9	9	9	7	8	8	7	8	9	9	10	10	10	14	15	20	19	17	16	16	11	12	11
30	10	9	9	8	7	9	11	11	18	17	8	8	6	6	6	****	****	9	26	35	47	69	68	48	20
MEAN	19	20	20	19	20	20	18	19	18	17	16	15	15	16	15	16	17	17	19	21	20	23	23	20	18

PERCENTAGE OF DATA VALID - 93

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	6	****	6	****	****	****	****	****	6	7	9	9	6	7	10	18	12	7	6	****	****	****	****
2	****	****	****	****	****	****	****	****	****	10	10	6	****	****	****	****	****	6	6	7	****	6	8	8	****
3	****	****	****	****	****	****	****	****	****	****	****	****	9	9	7	6	****	****	****	****	****	****	****	****	****
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	24	14	****
5	22	28	26	26	35	18	17	16	27	21	14	6	****	****	****	****	****	****	****	****	****	****	****	****	****
6	****	****	****	****	****	****	****	****	****	****	****	****	8	8	9	9	8	13	16	29	27	32	31	24	****
7	23	20	13	15	9	8	11	14	17	11	12	12	13	15	17	12	18	23	63	85	37	13	17	19	21
8	18	14	12	10	10	9	9	10	14	15	12	12	14	16	14	14	15	15	13	11	9	9	11	11	12
9	10	10	9	9	7	7	8	8	8	8	9	9	9	9	9	10	12	13	13	11	11	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	9	9	9	9	9	9	9	9	10	10	11	10	10	10	10	10	11	10	10	9	9	9	9	10
12	10	10	10	10	10	10	9	9	9	9	9	8	8	9	10	10	10	10	10	11	10	9	10	10	10
13	9	9	9	9	9	9	9	9	9	9	8	8	10	10	10	10	10	12	13	11	13	12	12	11	10
14	11	11	10	10	28	45	32	24	28	36	39	25	16	15	16	17	16	14	20	16	12	12	12	12	20
15	11	11	11	11	10	10	10	14	20	17	15	13	16	16	15	15	15	15	15	14	13	11	12	12	13
16	11	10	10	10	10	10	9	9	10	13	12	12	11	12	****	****	12	11	13	10	10	10	9	9	11
17	8	9	9	9	8	8	9	11	11	10	10	10	9	9	10	10	10	10	9	10	15	12	10	10	10
18	10	10	9	9	9	10	13	23	18	14	14	11	13	15	17	15	13	12	11	11	10	9	9	9	12
19	11	12	11	11	10	11	17	17	17	16	16	15	12	11	11	11	11	10	9	8	8	8	8	8	12
20	8	8	8	9	9	9	9	10	10	10	10	10	10	10	11	11	11	11	10	10	11	11	11	11	10
21	10	10	10	10	9	9	12	13	11	10	10	12	11	11	11	11	12	13	11	11	12	11	10	10	11
22	9	9	9	9	9	8	8	8	9	9	9	8	9	9	8	9	11	11	9	8	7	8	9	9	9
23	9	8	7	8	7	7	7	8	9	10	9	10	10	10	10	10	10	10	9	9	9	10	9	9	9
24	9	13	9	8	8	8	8	9	11	8	8	8	7	8	8	8	9	9	9	11	16	18	12	11	10
25	12	12	14	12	13	11	11	14	16	13	12	14	12	12	13	17	15	15	16	15	14	15	14	13	14
26	12	14	33	28	52	19	9	10	9	10	14	17	15	12	10	10	10	10	9	8	9	10	9	9	15
27	10	12	12	15	12	10	9	8	9	9	8	8	8	9	8	8	8	8	9	9	9	9	9	9	9
28	9	11	9	10	14	27	27	25	27	15	12	13	12	12	12	12	12	17	29	41	43	43	46	54	22
29	56	55	49	52	55	43	49	53	60	50	28	16	12	11	11	11	13	18	30	33	31	14	12	13	32
30	13	26	28	36	40	30	32	41	29	16	14	14	14	13	13	13	26	49	52	44	54	53	66	30	30
31	54	52	49	54	48	46	45	43	49	31	20	19	19	16	16	15	16	16	14	13	14	14	13	13	29
MEAN	15	16	15	16	17	16	16	17	18	15	13	12	11	11	11	11	12	13	16	17	16	15	15	15	14

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	19	31	80
FEB	25	18	37	64
MAR	22	16	24	65
APR	29	18	35	120
MAY	24	22	38	72
JUN	21	19	41	71
JUL	30	16	26	66
AUG	31	23	41	73
SEP	30	18	33	69
OCT	31	22	57	127
NOV	30	18	52	119
DEC	30	14	32	85
YEAR	333	19	57	127

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	78	366	187	66	3	0	0	0	700
FEB	83	212	197	35	2	0	0	0	529
MAR	95	222	81	20	4	0	0	0	422
APR	13	478	84	31	8	4	0	0	618
MAY	37	228	157	96	6	0	0	0	524
JUN	78	192	67	60	4	0	0	0	401
JUL	224	341	64	61	4	0	0	0	694
AUG	73	274	234	140	13	0	0	0	734
SEP	129	417	72	85	8	0	0	0	711
OCT	37	440	130	87	32	4	0	0	730
NOV	169	345	72	79	5	3	0	0	673
DEC	299	247	34	46	3	0	0	0	629
YEAR	1315	3762	1379	806	92	11	0	0	7365

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
84	6	8.4	11.8	15.2	19.2	33.5	45.1	55.7	63.7	127	19

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA MISSING -													
2												- DATA MISSING -													
3												- DATA MISSING -													
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17												- DATA MISSING -													
18												- DATA MISSING -													
19												- DATA MISSING -													
20												- DATA MISSING -													
21												- DATA MISSING -													
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28	****	****	****	****	****	****	****	****	****	****	****	****	22	25	25	28	24	25	28	30	34	35	35	37	****
29	35	34	34	34	34	34	37	39	34	31	29	18	24	27	30	32	35	36	37	40	41	41	42	43	34
30	48	49	37	34	34	36	38	35	30	27	27	23	20	21	23	26	26	25	27	28	29	31	34	32	31
31	30	30	30	28	27	28	31	33	34	31	28	24	25	25	26	27	26	25	24	27	34	36	36	37	29
MEAN	38	38	34	32	32	33	35	36	33	30	28	22	23	25	26	28	28	28	29	31	35	36	37	37	31

PERCENTAGE OF DATA VALID - 11

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	37	36	31	26	21	17	15	13	13	11	10	9	10	12	11	12	14	14	17	18	19	19	22	22	18
2	21	20	18	16	15	14	14	13	8	7	7	6	7	9	9	10	13	13	13	14	16	15	14	9	13
3	10	10	12	14	14	12	11	11	11	10	9	9	9	7	8	12	12	****	****	****	****	****	****	****	11
4												- DATA MISSING -													
5												- DATA MISSING -													
6												- DATA MISSING -													
7												- DATA MISSING -													
8												- DATA MISSING -													
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12												- DATA MISSING -													
13												- DATA MISSING -													
14												- DATA MISSING -													
15												- DATA MISSING -													
16												- DATA MISSING -													
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	24	25	29	32	35	39	40	41	40	42	****
18	42	42	44	44	44	44	47	46	41	38	39	37	38	39	41	43	46	45	47	51	53	53	53	49	44
19	45	44	41	40	41	44	52	60	52	46	45	34	34	36	38	41	39	39	42	41	39	39	35	30	42
20	29	29	29	31	32	32	39	37	32	28	32	28	28	28	29	27	26	26	26	27	28	28	29	29	30
21	30	29	28	26	26	26	25	25	22	17	17	17	22	22	24	27	26	26	25	29	32	34	34	31	26
22	31	33	35	34	30	31	32	32	34	32	31	29	29	29	28	29	27	28	29	28	28	26	27	25	30
23	24	23	22	21	22	22	22	22	22	22	22	22	22	22	20	20	20	22	22	24	27	28	29	****	23
24	****	****	****	****	****	****	****	****	****	****	****	19	19	18	18	20	21	25	30	30	23	23	21	21	****
25	22	26	23	20	20	26	29	29	27	20	18	18	18	18	22	22	24	23	23	23	23	25	25	25	23
26	27	23	29	21	21	24	27	30	23	21	21	21	22	22	25	28	29	29	30	33	30	30	33	35	26
27	30	27	29	26	26	29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
28	****	****	****	****	****	****	****	****	****	****	****	****	18	19	17	17	17	15	14	21	16	16	16	16	****
29	15	15	15	15	15	15	15	17	24	15	12	12	12	12	10	15	15	17	18	18	19	19	20	21	16
30	22	20	17	17	17	17	17	16	19	20	20	20	18	20	22	22	21	19	14	11	10	10	****	****	18
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	7	6	6	8	8	8	8	****
MEAN	28	27	27	25	25	25	27	27	25	22	22	20	20	21	22	23	23	24	25	26	26	26	27	26	24

PERCENTAGE OF DATA VALID - 47

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	8	8	8	8	9	11	12	9	9	6	****	****	****	****	****	6	6	6	10	11	11	10	10	9
2	12	8	8	11	14	12	16	20	23	15	13	13	10	10	10	11	13	13	9	11	11	14	16	13	13
3	****	****	****	****	****	****	****	****	****	****	****	****	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -	DATA MISSING -
4	13	16	12	9	11	9	9	9	9	9	9	9	10	10	10	9	9	9	9	9	9	16	12	9	****
5	13	16	12	9	11	9	9	9	9	9	9	9	10	10	10	10	10	10	12	13	15	11	13	13	11
6	10	11	11	11	12	12	11	11	10	10	10	10	9	10	17	24	32	28	30	30	28	24	23	23	17
7	21	23	19	19	18	19	21	22	21	17	18	16	17	23	25	25	25	26	32	37	32	34	27	24	24
8	26	26	44	24	20	23	28	26	23	19	14	13	13	15	15	13	13	13	14	16	19	21	22	20	20
9	18	18	18	18	18	19	26	20	17	15	11	10	11	14	13	15	16	19	25	28	35	39	29	18	20
10	21	22	25	26	27	31	37	35	29	21	20	20	19	20	20	20	20	23	25	25	25	24	25	28	25
11	27	24	26	23	21	21	21	19	18	19	19	20	21	21	21	21	19	17	17	20	21	21	21	19	21
12	19	19	19	19	19	21	31	29	25	24	22	19	19	19	19	24	24	24	24	24	26	20	20	22	22
13	22	22	19	19	20	25	35	33	24	25	25	22	27	27	22	24	22	20	15	15	15	15	15	17	22
14	21	18	17	17	14	12	12	13	27	13	12	12	12	12	12	13	16	18	20	21	19	20	20	16	16
15	20	22	31	30	30	41	41	35	26	27	25	25	24	25	25	34	34	28	27	25	24	22	21	21	28
16	16	16	16	17	19	25	36	34	29	24	24	24	26	22	22	22	24	24	25	20	20	20	20	22	23
17	22	22	21	23	23	21	22	21	21	21	21	21	21	23	23	23	25	32	36	40	35	31	28	28	25
18	33	45	52	46	45	44	45	44	41	30	31	32	31	29	28	29	32	36	36	39	41	41	42	38	38
19	34	33	35	34	37	54	55	52	50	43	****	17	14	12	16	19	21	20	20	19	15	15	13	15	28
20	18	19	16	13	16	22	30	23	19	17	21	18	14	15	15	16	14	14	16	16	17	15	15	17	17
21	15	16	16	15	15	16	17	17	16	13	14	17	18	18	19	19	19	22	22	22	22	24	23	18	18
22	19	16	14	12	13	14	18	18	15	14	14	15	16	17	20	21	23	23	23	18	19	16	15	13	17
23	14	14	14	15	16	20	28	26	22	15	11	11	12	16	15	16	19	22	23	27	30	28	29	31	20
24	30	29	25	22	24	27	31	29	29	25	21	18	17	17	18	18	18	12	12	12	11	10	12	10	11
25	13	13	12	9	11	11	11	11	11	11	10	10	10	10	9	9	9	10	10	12	13	14	14	11	11
26	10	11	10	6	6	12	12	8	****	****	6	6	6	7	****	7	7	7	8	8	7	6	6	6	8
27	7	6	6	7	7	8	10	10	8	7	9	11	13	13	13	14	14	16	15	18	16	19	18	17	12
28	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
30	19	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
MEAN	19	19	20	18	18	21	24	23	22	19	16	16	16	16	17	18	19	19	20	21	21	20	20	19	19

PERCENTAGE OF DATA VALID - 83

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - D.O.H. BATHURST & WILSON

NO 34007

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	11	11	13	14	13	14	14	13	13	12	10	11	11	11	9	9	9	10	12	12	9	10	9	11
2	10	13	13	12	12	12	12	12	13	12	12	12	12	14	13	14	13	13	14	14	17	22	24	19	14
3	17	15	17	17	17	19	36	48	37	28	21	19	18	21	24	25	28	25	25	21	20	18	17	18	23
4	18	19	18	17	****	****	****	****	****	****	7	9	12	12	15	17	19	20	25	28	29	24	24	32	19
5	43	49	43	43	37	39	46	53	51	31	25	22	23	21	21	26	36	35	42	37	35	35	32	31	36
6	25	21	21	21	21	26	37	49	41	41	39	32	24	24	24	28	26	26	26	21	19	20	20	20	27
7	20	20	18	18	16	20	32	37	23	20	20	20	20	20	17	23	21	22	22	22	14	13	11	20	20
8	10	10	12	12	12	12	17	19	25	20	20	14	9	10	10	9	13	16	16	18	13	13	11	14	14
9	12	12	12	11	12	12	16	14	11	11	8	8	8	8	8	8	9	9	9	9	8	****	****	****	****
10	****	6	****	6	6	7	9	9	10	12	14	15	14	14	10	11	9	9	8	11	8	9	12	10	10
11	8	10	8	8	9	15	19	27	18	13	14	11	11	14	14	17	19	17	15	13	12	13	15	18	14
12	14	11	13	13	11	15	21	25	25	17	18	20	13	10	13	13	6	7	6	6	****	****	****	****	****
13	****	****	6	6	6	6	7	9	9	****	****	****	****	****	****	****	****	****	****	6	7	****	6	****	****
14	****	****	****	****	****	6	11	11	7	6	6	6	6	6	6	6	6	7	7	8	10	8	9	7	7
15	9	9	7	7	7	7	10	11	12	9	11	11	9	10	10	10	13	16	19	27	27	26	13	11	13
16	6	****	****	****	****	****	****	****	****	****	****	****	6	7	7	6	6	****	****	****	****	****	****	****	****
17	****	****	6	8	8	8	17	22	19	12	9	9	9	10	11	14	16	14	14	13	13	18	17	10	13
18	12	8	8	8	8	9	21	31	29	23	21	16	16	16	16	19	16	16	13	10	11	9	7	****	15
19	****	****	****	****	****	****	10	17	14	12	10	8	9	9	9	13	14	9	7	****	****	****	****	****	****
20	****	****	****	****	****	****	11	12	8	8	8	****	****	****	****	****	6	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	6	****	****	****	****	****	****	****	****	****	****	6	7	6	****	7	8	****	****
22	7	8	8	6	6	6	8	10	9	7	****	7	6	8	8	8	9	15	20	26	30	26	12	9	11
23	9	****	****	****	****	****	****	****	****	****	****	****	6	6	6	6	6	10	10	9	10	8	6	****	****
24	****	****	****	****	****	****	12	20	13	9	10	10	8	9	9	11	14	16	11	6	7	6	6	6	10
25	6	6	6	****	****	****	13	16	8	6	6	6	6	6	6	8	8	8	8	8	8	6	****	****	8
26	****	****	****	****	****	****	7	13	11	8	8	8	8	8	8	9	11	11	8	7	7	6	8	8	9
27	7	7	7	6	7	7	10	13	15	13	12	12	12	12	14	18	18	15	10	10	10	10	12	11	11
28	9	9	7	7	8	8	10	17	21	17	16	****	18	18	18	19	22	23	23	21	19	19	19	19	16
29	19	19	19	19	18	18	18	20	19	20	21	21	22	22	22	26	29	30	30	28	25	18	16	16	21
30	14	14	13	13	12	13	17	20	19	16	14	13	12	13	13	14	15	16	16	15	15	15	14	14	15

PERCENTAGE OF DATA VALID - 77

UNITS - PARTS PER TEN MILLION

MONTH NOV 70

PERCENTAGE OF DATA VALID - 3

UNITS - PARTS PER TEN MILLION

MONTH DEC 70

PERCENTAGE OF DATA VALID - 3

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - D.O.H. BATHURST & WILSON NO 34007

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISSING		
FEB		DATA MISSING		
MAR		DATA MISSING		
APR		DATA MISSING		
MAY		DATA MISSING		
JUN		DATA MISSING		
JUL	4	31	34	49
AUG	18	24	44	60
SEP	27	19	38	55
OCT	30	15	36	53
NOV	24	17	26	41
DEC	3	27	0	57
YEAR	106	19	44	60

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70
POLLUTANT - TOTAL HYDROCARBONS UNIT - PARTS PER TEN MILLION
STATION - D.O.H. BATHURST & WILSON NO 34007

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN		DATA MISSING							
FEB		DATA MISSING							
MAR		DATA MISSING							
APR		DATA MISSING							
MAY		DATA MISSING							
JUN		DATA MISSING							
JUL	0	1	41	42	0	0	0	0	84
AUG	31	89	150	81	0	0	0	0	351
SEP	92	244	207	60	0	0	0	0	603
OCT	220	229	95	31	0	0	0	0	575
NOV	69	322	158	10	0	0	0	0	559
DEC	0	8	6	9	0	0	0	0	23
YEAR	412	893	657	233	0	0	0	0	2195

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	60	70	80	90	95	98	99	MAX	ARITH MEAN
49	6	8.0	12.3	17.0	21.5	30.5	36.4	42.9	46.5	60	19		

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
2	25	25	20	19	21	21	20	16	11	10	8	26	17	14	14	14	80	36	30	44	32	32	22	28	*****
3	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
4	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
5	16	18	14	13	12	12	12	12	12	12	17	13	14	15	17	15	18	16	15	22	18	19	17	16	15
6	19	16	24	22	13	12	12	23	34	33	13	17	18	16	15	18	20	22	21	22	26	14	9	8	19
7	9	23	9	8	8	7	6	7	7	6	7	7	9	10	10	8	8	8	9	9	9	10	10	10	9
8	10	10	10	10	10	11	11	11	12	13	14	13	12	12	12	12	13	13	12	12	12	12	12	12	12
9	13	12	13	12	13	15	16	13	13	12	12	13	16	15	15	13	15	12	12	11	11	10	10	9	13
10	9	9	9	9	10	10	10	10	10	10	11	11	12	12	12	11	11	11	12	11	12	18	15	12	11
11	12	12	12	12	12	9	12	11	11	11	11	12	10	11	10	10	10	10	10	10	10	10	9	9	11
12	9	10	10	10	10	11	11	10	11	11	12	12	10	13	12	17	12	13	14	17	13	13	12	14	12
13	12	12	10	10	11	11	10	10	10	*****	14	16	12	12	10	10	13	20	26	16	21	16	14	14	13
14	13	13	13	12	15	14	14	13	13	14	15	18	32	48	24	17	14	14	13	12	10	10	10	14	16
15	14	32	14	10	9	8	*****	*****	*****	*****	32	30	28	25	20	16	16	16	18	18	19	19	17	17	19
16	16	15	14	16	16	15	12	17	18	17	13	12	12	12	12	12	12	12	12	12	12	12	12	12	14
17	12	12	12	12	12	13	13	14	18	15	14	14	14	14	14	14	22	23	23	19	21	20	23	31	17
18	25	22	23	24	27	22	19	19	22	20	19	16	18	25	16	17	18	16	13	12	13	14	14	14	19
19	14	15	13	15	16	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
20	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	20	20	21	21	24	23	19	21	20	20	21	21	22	*****
21	23	23	23	26	24	29	25	36	34	29	21	20	20	20	20	22	24	28	28	29	30	30	30	30	26
22	30	30	30	30	30	30	30	30	30	30	28	27	25	22	20	20	20	20	21	27	26	29	32	35	33
23	35	36	37	40	46	46	48	48	52	50	44	36	32	32	32	32	30	30	30	30	30	30	30	28	37
24	28	28	28	28	28	29	28	30	34	27	28	26	26	24	24	24	22	22	22	22	22	20	20	20	25
25	20	21	20	20	20	22	22	25	28	24	24	20	12	13	12	12	12	14	16	18	20	21	26	24	19
26	24	20	20	20	20	19	20	21	23	15	14	14	12	12	11	12	14	15	14	12	12	11	11	12	16
27	12	12	12	12	12	13	14	15	18	15	15	12	10	10	10	10	10	12	12	12	12	9	8	8	12
28	8	9	10	10	10	10	11	13	16	10	10	16	16	16	16	16	16	16	16	17	18	19	20	20	14
29	20	22	22	24	25	26	28	29	30	32	28	26	25	21	19	19	19	20	26	24	27	28	30	28	25
30	28	28	28	27	26	26	26	26	25	27	24	24	22	20	20	20	20	19	20	20	20	20	20	20	23
MEAN	18	19	17	17	18	18	18	19	21	19	18	18	17	17	16	16	19	18	18	18	18	18	17	18	18

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	20	19	19	19	19	19	19	19	22	21	18	18	18	18	18	18	18	18	18	18	16	16	16	16	18
2	15	15	16	17	18	18	18	20	42	30	21	24	20	20	20	18	19	20	17	16	16	18	19	20	20
3	20	21	22	25	27	28	28	30	30	30	30	18	16	15	14	12	11	11	14	15	16	16	17	19	20
4	20	20	20	22	22	22	22	24	23	21	17	14	10	9	8	8	9	10	10	10	10	10	10	10	15
5	10	10	9	8	7	6	6	7	9	6	6	6	6	6	6	*****	*****	*****	*****	*****	*****	8	12	8	8
6	6	6	9	9	10	12	19	27	20	10	12	9	6	6	6	6	6	8	7	8	8	7	6	6	10
7	*****	*****	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8	8	9	14	13	10	15	24	9
8	*****	16	14	15	12	10	10	10	12	10	11	13	17	14	11	10	10	10	9	11	11	11	17	16	12
9	10	7	6	6	*****	*****	6	8	11	8	18	19	19	18	18	18	19	20	19	20	19	20	26	68	17
10	26	17	15	38	22	28	18	17	20	19	16	17	17	15	21	19	18	15	15	14	14	14	12	12	18
11	12	12	12	12	12	12	12	12	14	15	15	14	15	14	12	12	12	12	13	14	15	15	15	15	13
12	15	16	16	16	18	18	19	19	20	20	13	12	11	10	10	9	10	10	10	10	11	11	12	12	14
13	12	13	14	15	16	18	19	20	20	18	17	15	14	12	12	12	12	12	15	16	18	19	19	19	16
14	19	20	20	20	20	20	20	20	21	20	17	15	14	14	13	14	17	18	62	18	20	22	19	18	20
15	20	20	20	19	17	16	16	16	16	17	17	18	18	17	15	14	14	14	15	14	15	16	15	14	16
16	13	13	14	14	15	16	16	16	16	18	15	16	10	10	13	12	12	11	12	12	12	12	13	13	13
17	13	13	16	13	13	14	15	17	17	12	12	12	13	13	14	16	22	20	20	22	21	20	20	22	16
18	24	22	20	20	20	21	20	20	20	16	15	14	14	13	15	15	14	15	17	16	18	18	19	18	18
19	18	18	18	19	20	20	22	22	24	23	20	10	10	8	8	8	8	8	8	8	8	9	9	9	14
20	8	9	8	8	8	8	8	8	10	8	7	6	6	7	7	7	6	7	8	9	8	8	8	8	8
21	9	10	10	10	10	10	10	10	11	11	11	9	8	7	8	6	6	7	6	6	6	6	6	6	8
22	7	7	7	7	7	7	7	7	*****	*****	6	6	6	6	6	6	6	6	6	6	6	6	6	6	*****
23	*****	6	6	6	7	7	8	10	8	6	*****	11	11	10	10	10	10	10	10	10	10	10	10	10	9
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	10	10	10	9	10	10	9	8	10
25	8	8	10	9	9	9	9	9	9	9	10	11	11	11	11	12	12	13	14	15	14	15	16	15	11
26	15	15	16	16	16	15	15	15	13	12	11	10	10	10	9	10	10	10	10	11	9	10	10	9	12
27	10	11	10	10	11	10	11	10	*****	*****	*****	14	12	12	11	11	11	11	12	12	12	12	12	12	11
28	13	13	13	15	14	15	15	16	14	14	13	13	13	13	13	14	13	15	17	16	23	18	23	23	15
MEAN	14	14	13	14	14	15	14	15	17	15	14	13	12	12	12	12	12	12	15	13	14	13	14	16	14

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	13	13	13	13	13	13	14	14	14	14	14	14	****	****	****	****	****	****	****	****	****	****	****	****	****	
2													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
3													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
4													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
5	****	****	****	****	****	****	****	****	****	****	****	****	17	17	16	16	16	18	19	18	21	22	21	24	****	
6	25	26	25	24	22	19	19	22	19	20	20	19	19	19	19	19	19	18	18	18	17	17	17	20	****	
7	17	17	17	17	17	18	16	16	16	14	14	14	14	14	14	14	14	13	13	13	13	13	13	15	****	
8	13	13	13	13	13	14	14	14	15	16	16	16	15	15	****	****	****	****	****	****	****	****	****	****	****	
9	14	16	17	19	20	16	14	16	16	12	11	11	11	11	12	12	12	12	12	12	13	15	16	14	****	
10	14	15	15	14	15	16	15	17	14	13	11	11	11	11	12	11	10	11	11	11	11	11	11	11	13	****
11	11	12	11	11	11	11	11	11	10	10	11	11	11	11	11	10	11	11	11	11	12	12	12	12	11	****
12	12	11	12	12	13	13	12	16	14	11	11	12	12	13	11	12	12	11	11	11	11	11	10	10	12	****
13	10	11	12	11	11	11	12	11	11	10	10	11	12	11	11	11	10	10	9	10	9	10	10	16	11	****
14	11	11	11	12	11	11	11	11	11	13	11	11	11	11	10	10	10	10	11	11	12	12	12	12	12	****
15	12	13	14	13	13	13	13	13	12	13	12	11	11	11	11	11	11	11	11	11	12	12	12	12	12	****
16	12	13	13	13	****	****	****	****	****	****	****	****	10	10	10	9	8	9	9	9	9	9	10	11	10	****
17	12	11	11	11	11	14	20	15	11	11	10	10	10	10	10	10	10	10	10	11	11	18	20	20	12	****
18	22	22	14	28	32	31	27	23	25	18	12	11	11	11	11	11	11	14	14	13	12	13	12	13	17	****
19	15	17	14	14	10	12	11	11	11	11	12	12	12	13	13	11	11	11	24	82	33	30	32	32	19	****
20	29	24	12	11	12	11	11	11	12	11	11	12	12	12	12	12	11	11	10	10	10	10	10	10	12	****
21	10	10	10	9	9	9	9	9	11	11	11	11	9	9	9	9	9	9	10	10	13	13	9	9	10	****
22	9	9	9	10	10	10	9	10	10	10	9	9	10	10	10	10	10	10	10	10	10	10	9	9	10	****
23	9	9	9	9	9	9	12	13	13	12	12	8	8	8	8	7	7	8	8	8	8	8	8	8	9	****
24	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	****
25	7	7	7	7	8	8	8	8	8	7	7	8	9	9	9	8	9	9	10	10	11	12	11	11	9	****
26	11	11	10	10	10	10	10	11	12	12	12	11	11	11	12	12	10	10	10	10	10	10	10	10	11	****
27	10	10	10	10	10	10	9	9	9	9	10	10	10	10	10	10	10	10	10	11	15	11	11	12	10	****
28	11	12	12	11	11	11	11	12	13	13	12	12	12	12	11	11	11	11	11	12	12	11	11	13	12	****
29	12	14	13	11	12	12	12	12	12	11	12	10	10	****	****	****	****	****	****	****	****	****	****	****	****	****
30													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
31													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
MEAN	13	13	13	13	13	13	13	13	13	12	12	11	11	12	11	11	11	11	12	15	13	13	13	14	12	****

PERCENTAGE OF DATA VALID - 76

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
2	****	****	****	****	****	****	****	****	****	****	****	****	15	****	****	11	15	9	9	10	10	11	11	10	****	
3	10	10	10	10	10	10	11	11	11	11	11	11	11	11	11	11	11	11	12	12	12	12	13	13	11	
4	14	12	13	13	12	12	12	12	12	11	12	12	11	11	11	11	11	11	11	12	12	****	12	12	12	
5	12	****	****	13	13	****	13	12	****	****	****	****	****	12	12	12	****	****	****	****	****	****	****	13	****	
6	12	14	14	16	14	16	16	14	14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
7	****	****	****	11	11	11	11	11	11	11	10	10	10	10	9	8	8	8	9	10	10	12	11	11	10	
8	11	11	11	11	14	13	13	11	11	10	10	8	8	8	7	6	6	6	6	6	6	6	6	6	9	
9	9	9	9	10	10	10	9	9	9	8	8	8	7	7	7	7	7	8	8	8	8	8	10	10	8	
10	9	9	9	9	9	9	9	9	10	9	9	9	9	9	10	13	11	10	10	10	10	12	12	10	****	
11	13	14	14	13	13	14	14	12	12	11	11	11	11	11	11	11	10	10	10	12	12	12	12	13	12	****
12	14	14	17	13	21	17	15	13	13	13	13	13	12	12	12	12	13	13	14	24	12	18	21	15	15	
13	15	20	14	19	23	23	17	17	16	14	12	12	11	15	16	12	12	13	13	13	13	14	13	13	15	
14													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
15													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
16													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
17	****	****	****	****	****	****	****	****	****	****	****	****	12	12	11	11	11	11	11	13	14	13	17	16	****	
18	16	13	13	14	14	14	13	14	15	14	14	14	14	14	14	14	14	14	14	15	15	17	15	16	14	
19	18	17	15	15	15	15	15	15	17	16	17	17	17	17	17	16	17	17	16	17	16	17	16	17	16	
20	17	16	16	16	15	15	16	17	20	19	18	17	14	15	14	15	15	15	16	27	28	27	22	27	18	
21	25	22	25	22	20	19	19	21	22	20	17	17	17	17	17	18	18	18	18	19	19	19	19	19	19	
22	19	19	19	19	20	21	20	20	22	21	20	20	20	20	19	18	18	19	22	26	25	24	25	24	21	
23	24	23	22	23	22	23	23	24	26	25	22	21	19	19	19	18	18	18	19	19	19	20	22	29	22	
24	28	26	29	29	26	27	28	29	30	27	26	25	25	24	23	24	24	23	23	26	29	28	25	24	26	
25	24	24	24	24	24	24	25	25	26	25	24	23	22	22	21	21	21	21	24	24	25	30	29	25	24	
26	25	25	25	26	27	26	27	28	31	25	17	8	****	****	****	****	****	****	****	****	****	****	****	****	****	
27	****	****	****	****	****	****	****	****	****	****	26	22	18	16	14	15	****	****	****	****	****	****	****	****	****	
28													- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	- DATA MISSING -	
29	20	18	18	22	22	24	24	24	24	11	19	19	19	18	18	18	20	18	19	21	22	23	25	22	20	
30	18	19	19	21	22	23	24	27	****	****	19	22	25	23	27	26	24	25	27	30	30	27	27	28	25	
MEAN	17	17	17	17	17	17	17	17	17	17	16	15	15	15	15	14	15	14	15	17	16	18	17	17	16	****

PERCENTAGE OF DATA VALID - 70

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	31	28	28	26	23	20	34	26	28	22	12	12	12	12	12	12	12	12	11	10	11	11	11	12	18
2	12	12	12	13	14	14	14	15	17	16	16	15	15	15	14	14	15	15	15	16	16	17	16	16	15
3	16	16	16	18	17	17	18	16	18	16	17	18	18	16	14	15	15	16	18	16	18	18	18	18	17
4	20	21	22	22	22	19	20	21	22	19	17	16	15	15	14	****	16	15	15	16	17	17	18	18	18
5	18	19	21	22	20	20	20	20	20	19	22	23	21	20	18	19	18	20	20	19	20	20	18	19	20
6	19	20	20	20	21	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7	20	23	20	20	24	23	23	22	20	19	19	18	18	18	18	18	18	18	18	18	18	18	18	18	19
8	19	20	20	22	24	23	24	25	26	22	24	28	27	26	30	38	37	28	17	11	9	****	****	****	24
9												- DATA MISSING -													
10												- DATA MISSING -													
11												- DATA MISSING -													
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	8	8	8	6	6	7	8	8	12	****
13	8	10	****	****	****	****	****	****	6	8	7	****	****	****	****	****	****	****	****	****	7	6	****	****	****
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
15	****	****	****	****	****	****	****	****	6	7	7	7	7	7	8	7	8	8	7	10	9	9	****	****	****
16	10	10	11	11	****	****	****	7	7	7	10	8	9	****	****	****	****	****	****	****	****	****	****	****	****
17	****	****	****	****	6	6	8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
18	6	6	7	7	8	8	8	8	8	8	8	7	7	6	6	6	6	****	6	6	8	7	****	6	7
19	6	6	6	7	11	15	15	14	7	7	****	****	****	****	****	8	7	7	8	9	12	13	13	16	10
20	14	13	13	15	13	12	13	13	14	14	15	15	15	17	15	14	14	14	16	21	20	20	21	34	16
21	28	20	20	31	28	38	34	25	18	16	15	15	16	20	16	20	23	19	20	20	20	23	25	28	22
22	37	40	31	25	14	12	12	12	13	11	11	11	11	10	12	15	15	14	13	13	14	14	15	15	16
23	14	14	15	15	15	16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	10	10	10	10	10	10	11	12	16	14	****
28	16	13	13	14	15	18	16	17	17	15	14	14	15	15	16	16	14	15	15	19	19	17	19	17	16
29	15	18	26	24	22	21	18	17	17	15	14	15	15	14	14	15	15	15	15	15	15	14	15	17	17
30	17	23	57	28	24	26	27	17	16	15	15	14	13	13	12	12	12	13	13	14	15	16	17	18	19
31	21	20	21	22	23	21	19	17	14	12	12	11	10	9	8	8	8	9	****	****	****	12	12	****	14
MEAN	17	18	20	19	18	18	18	16	16	14	15	15	15	15	14	15	14	14	14	14	14	14	15	17	16

PERCENTAGE OF DATA VALID - 62

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	11	14	12	11	8	8	9	12	14	14	18	17	17	19	****
2	18	17	20	****	****	15	18	18	****	11	9	8	7	6	6	6	7	7	7	9	10	11	11	11	11
3	11	12	12	12	13	13	13	15	15	14	13	13	13	13	13	13	13	13	13	15	14	15	15	13	13
4	16	17	18	19	18	22	26	22	19	18	16	14	14	14	14	13	16	15	16	15	16	19	21	24	18
5	****	****	33	21	33	29	21	18	17	15	16	16	15	****	13	13	13	13	14	16	18	17	17	19	18
6	22	22	25	26	20	22	21	20	19	17	17	17	17	17	17	17	17	16	16	17	18	19	28	24	20
7	21	23	25	28	28	25	23	23	27	25	21	20	20	20	17	18	19	23	26	28	33	34	34	24	24
8	35	33	26	25	27	40	32	31	28	21	24	24	21	20	16	14	13	13	14	15	18	24	28	26	24
9	25	24	28	28	29	26	22	22	20	17	18	16	16	15	14	14	14	15	13	16	20	18	18	18	19
10	19	19	20	20	20	22	25	27	23	19	19	15	14	14	13	13	13	13	14	16	18	18	18	18	18
11	19	19	19	18	19	19	20	21	21	18	16	15	15	15	14	14	14	15	16	20	22	20	22	22	18
12	22	21	22	22	22	22	23	24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
13												- DATA MISSING -													
14												- DATA MISSING -													
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	21	22	22	21	21	22	22	24	****
16	26	23	25	25	23	25	26	27	29	28	28	27	30	25	26	28	27	27	27	27	26	25	24	25	26
17	27	26	27	29	29	32	34	34	29	34	33	32	28	27	25	23	22	22	24	25	25	25	24	24	28
18	23	29	23	21	21	22	23	26	24	24	23	23	22	****	****	****	****	****	****	****	****	****	****	****	****
19	****	****	****	****	****	****	****	****	****	****	****	9	10	10	10	9	11	11	11	12	13	13	14	14	****
20	14	15	16	15	15	15	15	15	14	14	12	12	12	12	12	12	11	12	11	13	15	16	22	19	14
21	25	22	21	25	28	23	19	17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
22												- DATA MISSING -													
23												- DATA MISSING -													
24												- DATA MISSING -													
25												- DATA MISSING -													
26												- DATA MISSING -													
27												- DATA MISSING -													
28												- DATA MISSING -													
29												- DATA MISSING -													
30												- DATA MISSING -													
MEAN	22	21	23	22	23	23	23	23	22	20	18	17	17	16	15	15	15	15	16	17	19	19	21	21	19

PERCENTAGE OF DATA VALID - 51

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH JUL 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2													- DATA MISSING -												
3													- DATA MISSING -												
4													- DATA MISSING -												
5													- DATA MISSING -												
6													- DATA MISSING -												
7													- DATA MISSING -												
8													- DATA MISSING -												
9													- DATA MISSING -												
10	23	18	17	18	15	16	17	16	15	14	14	14	14	14	14	14	13	12	12	13	13	16	18	25	22
11	19	19	18	18	19	21	22	21	19	19	19	19	17	16	16	15	15	15	16	19	21	24	25	25	19
12	27	28	26	28	29	32	38	30	25	23	24	22	23	23	21	22	25	27	24	24	25	24	24	23	26
13	25	23	24	24	26	27	27	28	31	35	29	29	28	27	28	33	31	29	26	29	29	28	29	27	28
14	23	23	23	23	23	24	25	24	23	23	23	22	18	17	17	17	16	16	16	16	16	16	16	16	21
15													- DATA MISSING -												
16													- DATA MISSING -												
17													- DATA MISSING -												
18													- DATA MISSING -												
19													- DATA MISSING -												
20													- DATA MISSING -												
21													- DATA MISSING -												
22													- DATA MISSING -												
23	23	23	25	25	23	22	25	27	28	17	15	13	13	8	8	9	9	11	13	16	17	16	21	23	16
24	11	13	13	13	14	13	20	21	18	13	12	12	12	12	12	11	11	11	11	13	13	14	14	14	14
25	14	14	15	12	12	13	21	24	9	9	8	8	7	7	7	9	12	15	18	16	11	11	12		
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27	12	13	13	22	18	14	20	18	10	10	10	10	10	10	10	11	10	11	13	11	10	10	12		
28	19	19	18	18	18	19	20	19	19	18	17	17	17	19	16	16	17	18	19	21	23	23	23	19	
29	23	24	24	23	24	25	25	25	25	25	20	17	14	15	16	15	15	17	20	22	24	24	25	31	22
30	36	31	26	22	22	22	22	22	22	21	18	39	24	15	15	15	15	16	18	23	24	22	22	22	22
31	21	21	21	21	20	20	19	19	19	23	30	27	24	24	24	27	25	24	24	25	27	28	27	27	24
MEAN	21	20	20	20	20	20	24	22	20	19	18	19	16	15	17	17	16	16	16	18	19	20	20	20	19

PERCENTAGE OF DATA VALID - 45

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH AUG 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	28	28	28	28	27	28	27	25	23	23	21	20	18	18	17	17	17	17	17	19	19	21	22	21	22
2	21	21	20	20	20	21	21	20	20	20	19	19	19	19	18	18	18	18	19	21	22	23	22	22	20
3	22	22	24	24	23	22	22	21	21	21	19	19	19	19	18	18	18	18	18	19	19	20	20	20	20
4	20	20	20	21	22	23	23	21	20	20	20	20	19	19	19	19	20	21	22	24	25	26	30	30	22
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	15	15	15	15	15	17	19	21	21	21	***
6	25	28	28	28	27	26	26	23	21	18	17	17	18	18	16	16	16	16	16	20	24	28	28	35	22
7	32	29	27	25	26	26	24	26	26	23	22	18	18	17	15	15	14	12	13	17	27	40	31	27	23
8	27	23	20	20	19	19	20	20	19	18	17	13	11	11	12	10	10	10	13	17	20	18	20	30	17
9	27	23	19	23	21	24	21	15	13	13	12	11	10	10	10	10	10	10	10	12	12	12	12	12	15
10	12	12	13	13	16	20	25	27	22	***	***	***	***	19	25	22	19	17	16	19	24	27	27	27	20
11	24	25	24	22	20	20	21	18	16	16	16	15	14	13	12	12	15	15	14	14	16	16	17	16	17
12	16	17	17	16	17	17	17	17	16	16	17	13	19	17	17	17	17	17	16	16	18	17	17	20	17
13	24	27	26	25	24	24	24	26	21	19	16	15	13	13	18	23	21	21	21	21	20	18	18	18	21
14	18	18	18	***	21	25	27	26	25	24	29	27	18	11	10	9	9	9	9	10	11	13	14	12	17
15	12	14	17	17	20	16	18	18	14	14	12	13	12	9	9	11	11	11	10	10	12	12	11	11	13
16	11	12	12	10	10	10	10	15	10	9	9	9	9	7	7	7	7	7	7	9	12	10	10	10	10
17	11	12	9	10	10	10	10	14	10	14	9	9	9	12	9	9	10	11	10	12	14	13	16	18	11
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21	15	15	15	16	16	16	16	19	17	16	15	11	11	11	10	10	10	11	11	13	17	18	16	18	14
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24	12	13	16	16	14	16	15	15	12	10	10	9	***	16	16	15	17	18	20	17	19	19	23	23	16
25	27	22	20	20	21	23	21	19	17	16	15	13	13	13	12	12	12	12	12	13	13	14	15	16	
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27	17	20	19	20	19	24	29	26	22	19	17	17	17	17	16	15	15	16	17	19	19	22	28	20	
28	21	22	25	23	20	18	18	19	18	16	15	14	12	13	***	***	***	***	***	***	***	***	***	***	***
29																									
30																									
31																									

PERCENTAGE OF DATA VALID - 86

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15	34	35	35	34	31	29	29	29	28	25	24	23	40	36	33	33	33	33	33	33	31	32	32	34	****
16	45	48	49	55	55	56	62	62	61	54	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28	21	21	23	23	23	22	22	26	24	19	16	13	11	11	11	11	11	11	12	14	15	16	19	18	17
29	18	18	19	18	17	17	17	18	18	14	12	10	10	10	9	9	9	9	12	14	15	18	22	20	15
30																									
MEAN	30	31	32	33	32	31	33	34	33	28	17	21	19	18	16	16	16	16	18	20	22	24	27	27	24

PERCENTAGE OF DATA VALID - 15

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	25	24	24	24	24	24	24	22	20	25	15	10	10	10	11	16	23	25	24	24	29	26	29	21
2	36	38	36	45	44	42	41	28	17	15	18	15	11	10	10	10	10	11	11	11	11	12	14	21	22
3	21	14	14	14	16	18	15	17	16	13	12	11	12	13	14	15	18	19	19	19	19	19	19	20	16
4	20	19	19	19	19	21	19	19	19	18	17	16	16	17	17	17	19	21	22	21	21	21	21	27	19
5	31	38	34	31	35	49	43	38	32	25	****	****	****	17	17	19	21	22	22	23	20	20	21	20	28
6	21	21	21	23	23	23	23	27	26	18	16	15	15	14	13	13	14	19	24	31	35	35	40	40	23
7	49	51	51	47	43	40	42	43	51	51	40	32	25	24	28	25	29	29	29	35	38	38	37	46	38
8	46	50	43	41	40	43	41	44	48	53	57	42	24	21	20	19	21	26	31	29	27	28	36	31	36
9	32	36	34	32	33	30	29	28	31	26	23	22	21	19	16	17	18	20	22	23	15	15	17	17	24
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11	30	30	34	32	30	30	28	33	32	29	26	24	22	21	21	21	22	24	24	24	24	25	24	24	26
12	25	25	25	25	25	27	29	30	28	28	27	26	25	25	25	25	25	25	26	27	28	30	28	30	27
13	34	34	34	33	31	27	32	53	53	28	27	26	25	26	42	41	33	29	29	31	31	34	34	34	33
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15	28	29	29	28	30	28	29	29	31	29	29	29	29	29	36	****	31	32	35	35	32	32	33	31	31
16	32	32	32	32	33	34	34	36	36	34	34	35	39	****	12	12	12	12	13	13	16	16	16	17	25
17	22	23	22	19	20	24	30	29	30	22	19	16	14	14	15	15	17	20	23	15	15	14	14	12	19
18	13	13	12	12	12	13	14	14	18	14	14	12	9	9	9	9	9	10	12	13	14	13	14	14	12
19	17	20	19	20	24	25	28	40	34	23	18	25	15	11	10	10	11	13	17	17	19	20	27	30	21
20	31	26	26	28	21	27	30	40	39	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
21	****	****	****	****	****	****	****	****	****	****	****	****	13	13	14	18	17	14	12	10	11	12	13	15	****
22	14	13	12	13	15	15	17	16	15	15	14	14	14	14	15	13	14	15	14	14	14	16	17	19	15
23	15	14	15	15	14	14	14	16	15	17	16	13	****	17	14	14	15	18	21	24	22	24	18	17	17
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26	20	18	18	18	19	19	20	21	24	24	21	21	21	21	21	21	22	22	22	22	20	19	21	20	21
27	19	18	18	18	18	18	19	22	23	21	21	20	20	20	22	20	22	21	20	20	20	20	20	20	20
28	20	20	19	19	19	19	19	23	23	20	20	20	20	20	20	20	21	21	21	20	20	20	19	19	20
29	21	21	21	20	19	19	19	22	23	21	21	21	21	21	21	21	21	20	20	20	20	20	20	20	21
30	20	20	19	19	19	20	21	22	24	23	22	20	****	****	16	13	13	15	14	14	13	13	13	13	18
31	13	13	12	12	12	12	12	13	12	12	12	12	13	14	15	14	16	15	16	15	14	14	13	15	13
MEAN	25	25	25	24	24	25	26	28	28	24	23	22	19	18	18	18	19	20	21	22	22	23	23	24	23

PERCENTAGE OF DATA VALID - 95

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION												
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003													MONTH NOV 70												
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	17	19	17	17	15	11	10	12	11	11	12	12	13	13	19	24	27	27	33	39	37	37	32	20
2	25	18	18	17	17	17	18	18	21	21	20	17	17	17	16	16	17	18	19	17	16	17	16	16	18
3	16	15	15	14	14	14	15	16	18	17	16	16	15	15	15	14	15	16	15	16	15	14	14	14	15
4	14	14	15	15	14	14	14	15	18	18	17	15	15	14	13	13	14	15	13	12	17	23	14	13	15
5	12	12	12	11	12	12	11	11	12	13	14	12	12	13	14	13	13	13	13	13	12	12	14	12	12
6	13	13	13	13	13	13	14	15	16	15	14	12	12	17	13	11	11	11	9	8	7	7	7	12	12
7	7	7	7	****	****	****	****	****	****	****	****	16	16	15	14	14	14	16	16	16	16	17	17	22	14
8												-	DATA MISSING	-											
9												-	DATA MISSING	-											
10												-	DATA MISSING	-											
11	22	22	21	20	21	20	31	31	31	27	22	24	27	18	17	18	22	24	24	25	22	21	24	20	23
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13	12	12	12	12	11	11	10	10	11	11	11	10	9	9	9	8	8	8	8	10	14	13	13	11	
14	13	13	13	13	13	15	16	16	15	15	16	15	14	14	14	14	14	14	14	14	14	14	14	15	14
15	15	15	15	15	15	16	16	16	18	18	19	18	16	16	16	16	16	17	18	20	20	17	17	17	
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17	14	14	14	14	15	15	15	15	16	16	18	16	16	18	14	14	14	17	23	30	35	34	32	26	19
18	21	20	21	23	29	37	19	16	15	14	14	14	14	13	14	14	15	15	14	15	14	13	12	13	17
19	13	12	12	13	14	13	13	16	17	15	14	13	13	14	13	13	15	17	19	19	19	21	29	29	16
20	19	15	14	14	13	13	13	14	15	15	16	14	11	11	10	11	10	11	11	11	11	11	11	10	13
21	10	10	10	10	10	10	10	10	10	11	11	13	13	13	12	12	13	13	14	14	15	15	17	19	12
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24	13	13	15	15	14	14	14	15	15	15	15	14	14	17	18	16	12	12	13	12	12	12	12	12	14
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27	12	12	12	11	11	12	13	19	26	25	20	15	15	15	20	15	15	16	16	16	15	14	14	14	16
28	15	15	14	14	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	15	15	15	14
29	15	15	15	15	14	14	13	14	14	14	14	14	14	14	14	16	17	18	18	15	13	13	12	12	14
30	12	12	12	12	12	12	12	12	12	12	12	12	11	11	13	14	16	18	22	27	31	30	31	25	17
MEAN	15	14	14	14	14	15	14	15	16	15	15	14	14	14	14	14	14	15	16	16	17	17	17	16	15
PERCENTAGE OF DATA VALID - 88																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER TEN MILLION													
STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003													MONTH DEC 70													
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	21	18	19	17	17	17	17	18	18	18	18	18	18	18	19	19	21	22	21	22	17	15	13	12	18	
2	12	12	13	13	13	13	13	14	14	14	15	15	15	15	14	14	15	16	17	17	16	17	16	16	15	
3	15	15	15	15	15	15	20	24	26	20	20	18	21	21	19	19	19	21	19	16	16	15	15	14	18	
4	14	14	13	13	13	13	13	13	14	14	14	14	14	15	15	15	17	19	19	18	18	19	19	18	15	
5	18	19	18	21	27	21	19	19	22	22	26	22	18	18	17	16	16	14	14	13	12	13	13	13	18	
6	13	13	13	13	13	13	14	14	15	15	17	16	16	16	16	16	17	17	18	17	18	19	15	8	15	
7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	13	14	21	21	22	30	33	30	32	***	
8	25	28	24	19	18	19	21	26	25	18	13	11	11	11	10	8	11	15	14	18	16	16	16	16	17	
9	16	9	7	7	7	6	6	6	7	7	6	6	6	6	6	7	7	8	8	8	8	8	8	8	7	
10	9	8	8	8	8	8	8	10	10	10	10	10	10	11	16	21	12	12	12	12	12	12	12	12	11	
11	13	11	11	10	10	10	10	13	15	14	****	****	****	18	15	19	16	16	16	14	14	15	15	14	14	
12	14	14	14	13	13	13	14	13	13	14	15	15	14	15	15	15	15	15	15	14	14	14	14	14	14	
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21	16	16	17	18	18	18	18	19	20	20	20	20	17	18	19	19	19	23	23	23	23	23	23	23	20	
22	22	22	22	22	22	22	22	22	24	23	23	23	23	23	21	21	23	24	24	23	23	23	23	23	23	
23	23	24	24	22	22	22	24	26	26	26	26	26	26	26	26	26	26	27	26	25	26	24	25	24	25	
24	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	21	24	27	28	24	23	23	21	
25	23	23	22	22	23	22	22	24	23	23	24	24	26	26	27	27	28	32	27	28	28	29	29	30	26	
26	30	32	32	29	29	29	29	29	28	30	30	29	26	24	24	24	24	23	23	26	25	25	29	29	27	
27	29	28	28	27	27	27	26	26	26	26	26	24	****	****	****	****	****	****	****	****	****	****	****	****	****	
28	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	14	14	14	18	26	23	19	17	18	15	****
29	13	12	12	11	12	16	18	22	24	19	21	13	14	13	13	11	23	18	16	14	18	16	13	12	16	
30	12	14	14	17	14	14	15	20	21	21	16	16	14	14	13	****	****	****	****	****	****	****	****	****	****	
31	- DATA MISSING -																									
MEAN	17	17	17	16	16	17	17	19	20	19	19	18	17	17	17	17	18	19	19	18	18	18	18	17	18	
PERCENTAGE OF DATA VALID -	89																									

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	18	37	80
FEB	28	14	20	68
MAR	26	12	20	82
APR	25	16	26	31
MAY	25	16	24	57
JUN	19	19	28	40
JUL	16	19	28	39
AUG	28	17	23	40
SEP	6	24	26	62
OCT	31	23	38	57
NOV	27	15	23	39
DEC	30	18	27	34
YEAR	290	17	38	82

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - RATHBURN/RENFORTH RD ETOBICOKE NO 35003

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	96	300	198	34	1	0	0	0	629
FEB	233	319	90	2	2	0	0	0	646
MAR	185	354	26	5	1	0	0	0	571
APR	84	283	141	1	0	0	0	0	509
MAY	100	242	112	12	0	0	0	0	466
JUN	20	183	152	16	0	0	0	0	371
JUL	37	150	144	11	0	0	0	0	342
AUG	71	382	188	4	0	0	0	0	645
SEP	7	47	23	28	3	0	0	0	108
OCT	16	263	304	126	0	0	0	0	709
NOV	47	524	53	15	0	0	0	0	639
DEC	43	403	215	7	0	0	0	0	668
YEAR	939	3450	1646	261	7	0	0	0	6303

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
71	6	9.2	12.1	15.0	19.1	25.7	29.3	33.9	39.6	82	17

UNITS - PARTS PER TEN MILLION

MONTH JAN 70

13 14 15

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Mean
1													-	DATA MISSING	-										
2													-	DATA MISSING	-										
3													-	DATA MISSING	-										
4													-	DATA MISSING	-										
5													-	DATA MISSING	-										
6													-	DATA MISSING	-										
7													-	DATA MISSING	-										
8													-	DATA MISSING	-										
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	24	26	26	24	24	24	24	22	22	****
10	20	20	20	20	20	20	20	20	20	20	20	22	20	20	20	20	22	22	20	22	22	20	20	24	21
11	24	20	24	20	20	20	20	20	20	20	20	24	20	20	20	20	20	24	24	26	26	26	28	32	22
12	28	24	20	20	20	20	20	25	28	34	36	32	28	28	28	30	32	30	28	32	28	28	28	28	28
13	28	28	26	28	26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
14													-	DATA MISSING	-										
15													-	DATA MISSING	-										
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	28	28	28	26	25	26	25	28	26	25	****
17	24	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	16	16	16	16	16	16	18
18	16	16	16	16	16	16	16	16	16	16	16	15	16	16	17	20	20	24	22	26	24	20	20	20	19
19	20	20	20	17	20	21	24	24	44	36	22	20	20	20	20	20	25	24	20	20	20	20	20	20	22
20	20	20	20	20	20	20	20	23	22	19	16	16	16	16	16	20	22	24	23	20	20	20	20	20	20
21	16	16	16	16	16	16	17	20	20	18	16	16	20	20	20	20	24	24	20	20	20	20	20	20	19
22	20	20	20	20	21	20	23	26	28	26	21	20	16	18	18	20	21	20	20	20	20	20	20	20	19
23	17	16	16	16	16	16	16	20	20	20	20	20	20	20	20	20	20	20	20	20	20	22	22	19	
24	21	20	21	20	20	22	22	26	32	23	20	20	20	20	20	19	16	16	16	16	16	16	16	16	20
25	17	16	18	19	20	20	23	32	21	20	20	20	20	20	20	20	20	20	18	18	18	18	19	20	20
26	20	20	20	20	20	20	20	25	24	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
27	34	36	25	20	20	20	20	24	20	20	20	20	20	20	20	22	22	24	24	25	26	34	30	34	23
28	20	20	20	20	20	20	20	22	22	24	24	22	20	20	20	20	22	24	28	30	26	24	21	20	24
29	20	20	20	20	20	20	22	24	28	29	24	24	24	24	24	24	26	24	22	20	20	20	20	20	21
30	20	18	18	18	18	18	18	20	26	20	20	20	20	20	20	20	20	24	24	24	22	20	20	20	20
31	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	18	16	16	16	19
MEAN	21	21	20	19	20	19	20	23	24	23	21	21	20	20	20	21	22	23	22	22	22	22	21	22	21

PERCENTAGE OF DATA VALID - 61

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION

MONTH FEB 70

13 14 15

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	20	20	20	20	20	20	20	18	18	18	18	18	18	20	20	20	20	20	20	20	22	19
2	20	22	20	22	24	26	24	22	32	***	***	***	***	***	26	29	30	26	23	22	20	18	18	16	23
3	16	17	16	16	16	16	17	20	20	20	20	18	18	18	16	16	18	20	20	18	18	18	18	18	20
4	20	20	16	16	16	16	20	26	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	22	20	21	22	24	25	30	21
6	24	24	24	24	24	28	40	40	28	20	20	20	20	20	20	22	24	24	24	24	23	24	25	20	24
7	20	20	20	20	20	20	20	20	20	20	20	20	20	22	24	24	24	24	24	24	30	32	36	36	23
8	42	48	45	40	41	41	33	32	28	28	28	32	32	34	30	24	25	26	28	32	36	40	40	28	34
9	22	20	20	20	20	20	20	22	24	20	22	22	20	24	24	28	28	28	26	24	26	28	26	24	23
10	20	20	20	22	30	31	26	26	24	26	26	28	28	26	27	28	34	28	24	22	20	20	20	20	25
11	20	20	20	20	20	18	18	20	20	20	20	18	16	16	16	18	20	20	20	20	20	20	20	20	19
12	20	20	20	20	20	20	20	22	20	20	20	20	20	20	20	20	22	20	20	20	20	20	20	20	20
13	20	18	18	20	20	18	18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
14	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	24	26	21	20	20	20	20
15	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	24	24	24	22	20	21
16	20	20	20	20	20	20	24	28	28	22	20	20	20	20	20	20	23	20	20	20	24	24	24	22	22
17	20	22	24	24	26	28	26	30	24	22	20	20	20	20	20	22	26	24	25	32	32	32	34	35	25
18	26	24	24	24	24	24	24	24	25	24	24	20	20	22	26	28	28	30	32	32	28	28	24	24	25
19	22	20	20	20	20	20	20	24	22	20	20	20	20	20	20	20	24	24	24	24	26	24	24	22	22
20	20	24	24	24	24	24	24	26	26	24	22	20	20	24	24	20	22	22	24	24	24	24	24	20	23
21	20	20	20	20	20	20	20	20	20	24	24	24	20	20	24	24	22	24	24	24	24	24	24	20	22
22	20	24	24	24	24	24	28	24	24	22	24	22	24	22	24	24	24	24	24	24	24	24	24	20	24
23	20	20	20	20	20	20	26	28	26	20	24	20	20	20	24	24	24	24	24	24	24	24	24	24	23
24	24	24	24	24	24	24	25	28	24	24	24	24	24	24	24	32	32	32	30	30	28	28	24	26	
25	24	22	20	20	20	20	20	20	20	20	20	20	20	24	24	24	24	24	24	24	24	24	24	24	22
26	24	24	24	20	20	24	24	24	***	***	24	24	20	20	24	24	24	24	24	24	24	20	20	20	23
27	20	20	20	20	20	20	20	20	21	***	20	20	22	24	22	24	24	24	24	24	24	24	24	24	22
28	24	27	24	24	24	24	24	24	24	24	20	20	20	20	20	22	24	24	26	24	28	28	28	26	24
MEAN	22	22	22	22	22	22	23	24	23	21	21	21	21	21	22	22	24	24	24	24	24	24	24	23	23

PERCENTAGE OF DATA VALID - 98

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	27	28	28	28	28	28	26	28	26	26	24	24	24	24	22	22	24	24	24	24	24	24	24	25
2	24	24	24	24	24	24	27	30	36	28	28	28	26	24	24	20	20	20	20	30	20	18	18	18	24
3	18	18	18	18	16	16	18	20	20	16	16	17	18	16	16	18	20	20	20	20	16	16	16	16	18
4	16	16	16	16	16	18	18	20	20	20	20	20	20	22	22	24	28	27	28	24	20	20	20	24	21
5	20	20	20	18	16	16	18	20	20	20	20	16	16	16	20	20	20	20	20	20	20	20	20	20	19
6	20	17	18	18	19	18	21	22	22	22	22	22	22	10	9	10	8	10	10	9	8	7	6	8	13
7	9	10	9	7	7	8	6	6	7	7	7	6	6	7	7	7	6	6	6	6	6	6	6	6	7
8	8	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	6	7	7	8	8	8	8	8	7
9	8	8	8	8	8	8	8	13	11	7	7	6	6	6	6	8	14	15	14	8	14	14	13	12	10
10	13	15	15	15	15	16	20	18	14	12	12	13	12	12	11	13	15	15	16	16	15	15	13	13	14
11	15	14	14	14	13	12	12	15	13	12	12	12	12	12	12	14	15	14	14	16	15	15	17	16	14
12	15	16	15	18	18	18	17	19	16	14	14	12	14	19	20	16	15	16	15	14	14	14	14	14	16
13	12	13	14	14	13	12	13	15	14	12	13	15	15	13	13	14	16	15	14	14	15	15	12	12	14
14	15	17	16	16	16	16	15	15	12	12	12	11	11	12	12	12	12	12	14	15	16	16	16	16	14
15	16	16	18	15	15	14	12	12	11	11	11	11	11	11	11	12	12	12	14	14	14	14	12	13	13
16	13	12	14	15	16	15	16	15	14	12	14	14	13	14	14	14	15	16	15	15	17	18	17	15	15
17	15	16	16	16	16	15	20	18	18	15	14	13	13	14	12	14	16	19	20	22	20	20	24	30	17
18	29	24	24	29	32	34	30	31	30	20	19	20	20	11	8	9	10	13	12	10	12	12	13	13	19
19	12	12	12	14	20	13	9	11	12	9	8	12	7	9	10	12	13	14	13	19	23	28	32	42	15
20	44	13	9	7	7	6	6	6	7	8	8	8	12	7	7	8	8	8	7	8	8	8	7	7	10
21	8	7	7	7	6	6	8	7	7	8	8	9	8	7	6	8	10	12	17	17	14	10	7	7	9
22	18	11	9	8	7	7	7	7	7	7	7	7	7	8	7	6	6	6	6	6	7	7	7	7	8
23	7	7	7	7	7	8	13	16	16	11	8	8	7	8	8	7	11	11	12	8	8	8	7	8	9
24	7	7	8	7	8	8	8	8	7	7	6	6	6	6	6	6	7	7	8	8	8	8	8	8	7
25	8	10	9	8	8	9	10	11	9	7	6	7	7	7	7	8	11	11	11	14	15	14	13	12	10
26	12	10	8	8	8	8	7	7	7	7	7	6	6	8	8	19	18	18	18	18	17	14	14	12	12
27	14	16	16	16	16	16	16	15	14	15	15	15	15	15	14	14	16	16	18	19	19	17	18	16	16
28	18	20	20	19	19	19	19	18	18	17	16	17	19	17	16	15	17	17	18	18	18	19	17	17	18
29	18	19	19	18	18	18	17	15	15	15	15	16	16	18	16	15	17	17	18	19	19	19	19	18	17
30	19	16	17	19	19	18	14	16	18	18	18	19	18	18	18	19	20	20	20	19	19	18	18	20	18
31	27	24	22	20	20	20	20	20	22	18	17	18	22	20	20	20	22	22	22	25	22	22	22	26	21
MEAN	17	15	15	15	15	15	15	16	16	14	13	14	14	13	13	13	14	15	15	16	15	15	15	16	15

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	20	20	20	22	22	23	23	26	20	19	18	22	19	18	19	22	23	20	20	20	19	19	20	21
2	19	19	19	19	19	19	19	20	19	19	18	19	19	19	20	22	26	21	19	16	16	16	16	16	19
3	16	16	16	16	16	16	16	16	18	18	16	16	16	15	15	14	19	20	20	20	20	20	22	23	18
4	21	21	20	20	20	20	20	18	18	14	14	16	14	15	16	16	18	20	20	20	20	20	20	20	19
5	18	20	20	19	19	20	19	18	15	15	16	16	16	18	20	20	20	20	20	20	20	20	20	20	19
6	20	20	20	20	20	20	21	20	20	19	19	19	20	20	20	23	28	28	27	24	25	25	28	26	22
7	24	23	23	22	22	21	20	20	22	19	19	19	18	18	16	18	23	24	24	26	26	25	24	23	22
8	23	23	23	24	24	23	24	24	25	24	18	19	17	16	16	20	20	22	22	23	23	23	25	26	22
9	27	23	23	24	24	22	23	24	20	17	15	16	16	17	18	***	24	22	22	22	22	22	22	22	21
10	21	21	20	19	20	20	21	20	18	18	18	19	19	18	19	19	19	21	21	20	20	20	21	22	20
11	23	24	23	21	21	20	19	18	18	18	17	17	17	17	17	17	19	21	22	22	22	22	21	20	20
12	20	20	21	21	22	23	20	18	18	17	18	17	17	18	19	20	20	21	22	23	25	24	24	23	20
13	22	22	22	23	24	28	28	24	23	21	20	19	19	19	20	21	22	24	24	24	23	22	21	22	22
14	21	21	22	22	22	21	21	21	22	22	22	24	22	24	26	26	27	26	30	31	32	36	30	28	25
15	24	24	24	24	24	24	24	24	24	24	27	27	24	25	26	29	34	36	32	30	28	28	34	36	27
16	44	44	40	39	37	39	41	36	30	24	24	24	23	23	26	27	30	34	30	30	28	29	29	32	32
17	39	47	52	49	50	44	34	30	38	32	24	23	23	24	25	24	23	24	24	25	26	24	23	24	31
18	28	28	30	26	25	24	24	23	23	23	23	23	22	21	20	22	24	24	25	26	26	26	26	27	25
19	28	29	28	26	26	26	26	24	24	23	23	23	24	24	24	26	26	26	26	26	26	25	26	25	25
20	25	25	25	25	25	24	24	26	26	28	27	24	23	24	24	23	26	25	27	32	36	31	30	***	26
21	***	***	***	28	26	25	26	28	28	29	25	24	25	26	25	27	28	27	28	27	26	25	26	24	26
22	25	26	26	26	26	26	26	24	24	24	23	23	24	24	24	25	27	28	28	30	34	35	32	30	27
23	28	27	26	27	26	26	26	28	28	30	30	30	25	24	25	28	28	27	27	28	28	30	30	28	24
24	31	31	30	32	32	34	32	36	35	35	28	24	24	22	19	17	16	14	16	15	15	19	16	13	24
25	13	13	13	13	13	13	12	11	11	10	10	9	9	9	8	9	10	12	13	13	17	18	18	16	12
26	14	13	12	13	14	16	19	16	12	12	11	10	10	10	9	10	11	12	12	14	16	20	24	20	14
27	27	32	33	38	28	28	32	28	38	32	24	16	18	18	20	24	25	24	24	21	24	21	24	24	26
28	22	27	31	36	38	44	30	30	20	16	16	17	16	18	18	20	22	23	20	18	19	28	34	32	25
29	17	18	15	16	19	22	20	19	17	15	14	13	13	14	16	16	16	16	15	16	17	18	17	16	16
30	14	16	17	16	16	18	18	24	22	18	30	22	26	23	20	24	23	22	22	22	22	22	23	22	21
MEAN	23	24	24	24	24	24	24	23	23	21	20	20	19	19	20	21	23	23	23	23	23	24	24	23	22

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH MAY 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	19	19	21	20	24	22	19	18	17	18	20	20	20	19	19	18	18	18	16	16	19	
2	16	16	16	16	16	17	17	17	17	17	16	16	16	16	15	15	15	16	17	17	18	18	18	17	
3	18	17	17	17	17	17	17	17	16	16	16	16	16	16	15	16	17	17	17	18	20	19	20	19	
4	19	19	19	19	19	20	24	22	20	20	20	18	17	17	18	20	20	18	19	20	20	19	18	19	
5	19	20	20	22	23	22	22	19	20	23	21	21	22	20	20	21	19	19	19	19	19	19	20	20	
6	19	18	19	18	18	18	18	18	17	16	17	17	17	17	17	17	17	18	18	18	20	20	18	18	
7	18	19	19	19	19	20	20	20	18	17	16	16	16	16	16	17	16	17	17	18	18	19	20	18	
8	20	22	23	22	22	20	21	20	24	24	24	22	21	23	32	26	30	25	28	28	32	38	32	30	
9	27	24	30	35	30	24	22	20	19	18	18	17	17	17	18	18	19	19	19	19	20	19	18	19	
10	19	19	20	19	18	17	17	18	17	18	18	18	18	16	16	17	17	17	19	20	20	20	18	18	
11	19	19	19	20	22	26	24	24	26	19	20	20	22	22	26	24	21	19	19	18	18	18	20	20	
12	23	19	18	17	17	18	18	18	17	17	18	16	18	18	22	20	20	20	18	22	21	20	23	25	
13	24	24	23	23	30	33	23	24	24	21	20	28	30	32	32	26	26	20	19	20	20	21	20	24	
14	18	17	17	17	17	18	20	19	18	16	15	14	14	14	14	16	16	17	18	19	20	19	17	16	
15	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	19	18	18	18	19	20	19	
16	21	21	22	18	17	18	20	20	20	19	20	20	21	21	20	20	20	20	21	20	20	20	22	22	
17	21	20	20	20	21	22	22	20	18	18	18	17	18	19	19	19	18	17	18	19	20	20	21	22	
18	22	20	20	20	20	20	19	19	19	18	17	16	15	16	16	16	17	18	18	19	20	21	22	23	
19	22	23	25	25	24	24	27	26	26	21	22	24	24	26	28	27	27	29	27	25	****	****	****	****	
20	****	17	18	17	17	18	19	20	17	18	18	19	26	30	32	28	28	30	29	28	40	53	46	26	
21	37	32	30	29	45	44	44	30	18	16	18	18	22	24	24	20	23	26	28	27	29	38	37	32	
22	28	28	26	28	24	20	22	22	19	18	18	18	18	24	26	28	29	28	23	22	22	23	23	23	
23	23	21	23	24	23	23	24	24	23	20	21	20	21	17	16	15	14	13	20	23	23	29	40	42	
24	38	32	29	28	28	29	30	20	14	12	12	17	19	20	20	21	22	23	23	23	24	22	21	23	
25	21	21	21	22	22	24	27	28	30	30	30	22	16	16	18	16	20	25	30	26	25	21	24	27	
26	26	26	25	25	26	27	26	24	20	22	20	18	18	18	18	16	20	24	24	26	25	25	26	27	
27	29	29	28	28	28	28	28	26	22	17	17	18	20	20	20	22	22	23	24	26	25	25	26	27	
28	30	29	28	27	27	28	27	27	24	22	19	19	19	26	27	28	26	27	32	34	36	34	32		
29	30	29	30	31	31	31	30	28	24	22	22	21	****	****	****	11	12	14	14	12	12	10	8	9	
30	10	11	13	14	13	18	10	8	8	8	8	8	8	8	8	8	9	10	10	9	8	8	8	10	
31	9	10	12	8	8	8	8	9	10	9	9	9	9	8	9	8	8	8	8	8	10	14	12	9	
MEAN	22	21	22	22	22	22	22	21	20	19	18	18	18	19	20	19	20	20	20	21	21	22	23	22	

PERCENTAGE OF DATA VALID - 97

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	10	11	10	10	16	13	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
3	23	21	21	27	26	30	28	22	17	15	16	18	17	17	19	19	20	20	20	20	20	20	20	****	
4	32	32	24	28	30	36	32	23	18	20	19	18	19	20	****	20	20	24	30	30	28	28	28	26	
5	28	28	28	28	28	28	27	21	13	11	11	11	10	11	12	13	14	14	20	27	28	28	28	21	
6	31	32	31	32	32	31	24	22	13	15	13	13	12	12	12	13	13	15	22	27	30	31	37	23	
7	32	34	31	30	31	35	44	35	30	26	24	20	20	23	21	26	22	22	27	34	40	48	44	31	
8	52	48	40	48	54	44	36	28	18	16	16	18	24	26	25	24	23	26	30	40	44	41	47	35	
9	32	34	33	36	34	36	40	35	24	22	20	21	26	30	28	26	23	24	32	34	37	38	37	36	
10	36	35	34	33	34	36	34	30	20	20	20	30	34	32	33	35	40	43	42	41	40	40	36	38	
11	38	36	34	38	39	40	39	38	34	32	20	24	25	28	24	26	32	44	44	44	44	44	44	34	
12	44	44	42	46	46	46	42	32	22	20	19	20	20	20	21	22	21	26	31	40	43	44	46	33	
13	45	46	49	54	55	54	40	32	22	20	20	20	22	26	29	30	32	39	41	42	42	44	47	38	
14	51	50	47	41	42	47	48	42	35	36	40	38	44	40	36	36	34	33	34	34	36	36	40	42	
15	38	36	40	42	40	38	38	40	36	32	30	30	28	24	30	30	30	32	40	46	46	46	46	37	
16	50	48	46	44	46	46	48	46	34	28	34	40	36	30	26	26	30	42	44	42	44	50	48	41	
17	46	44	46	46	44	42	42	46	44	26	****	8	8	8	10	12	16	18	24	28	32	32	28	29	
18	28	28	28	28	28	30	26	20	14	12	14	16	22	28	30	32	32	32	32	32	32	32	32	27	
19	34	34	32	32	32	32	30	22	12	8	****	6	****	****	****	6	8	8	12	18	26	32	36	23	
20	40	40	37	35	35	34	27	20	10	****	****	****	****	****	****	11	17	21	24	25	28	29	32	34	
21	35	32	28	26	25	24	25	17	****	11	21	17	14	14	25	33	35	35	37	43	49	53	47	45	
22	45	44	46	45	47	48	45	33	24	20	22	17	17	19	19	21	23	32	36	40	46	46	45	47	
23	47	41	40	41	45	47	45	34	23	19	18	32	24	21	28	34	38	38	43	40	40	41	40	39	
24	39	40	40	42	42	42	44	38	28	18	15	16	28	29	30	34	36	37	37	40	44	44	44	50	
25	52	53	51	49	45	41	38	33	26	19	19	19	20	22	24	41	45	44	44	41	40	40	40	39	
26	39	39	39	38	37	38	39	36	25	15	14	13	13	17	23	25	24	26	31	34	37	40	40	41	
27	42	42	41	41	41	42	36	26	16	15	12	12	13	13	12	13	20	26	29	36	43	43	43	48	
28	44	45	43	43	46	43	43	40	38	36	28	19	18	18	24	26	29	25	22	25	29	32	35	42	
29	40	36	34	35	35	36	35	30	21	15	16	16	19	17	20	21	21	23	27	32	35	37	36	34	
30	40	36	34	35	35	36	35	30	21	15	16	16	19	17	20	21	21	23	27	32	35	37	36	34	
MEAN	38	38	36	37	37	38	36	31	24	20	20	20	21	21	23	24	26	28	31	34	37	38	38	39	19

PERCENTAGE OF DATA VALID - 91

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH JUL 70

STATION - EVANS/ARNOLD ETOBICOKE OAMST	NO 35033	MONTH JUL 70	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
HOUR DAY																												
1	34	32	33	32	33	33	32	24	17	17	22	24	20	29	34	33	31	30	32	32	33	32	32	30	29			
2	29	30	29	30	32	32	30	28	26	22	23	21	22	26	25	26	20	19	22	30	34	35	35	35	28			
3	38	36	36	38	42	40	29	23	22	24	20	20	22	20	22	33	30	37	39	40	40	41	43	39	32			
4	37	39	41	43	43	41	35	34	22	20	19	20	21	20	25	34	36	35	31	32	35	35	35	35	32			
5	36	36	34	33	32	31	30	26	21	17	17	16	18	18	19	20	21	24	30	36	40	40	40	40	28			
6	42	39	38	37	38	38	38	32	24	22	23	22	21	20	22	27	27	29	35	41	46	46	44	43	33			
7	42	42	41	41	42	41	41	36	28	24	23	24	26	23	26	33	35	36	33	41	44	44	45	43	36			
8	45	44	40	42	43	47	43	32	28	23	21	22	22	23	28	32	34	40	48	44	45	43	48	54	37			
9	55	54	49	46	46	50	44	42	30	29	32	32	29	25	25	34	30	35	41	44	45	42	42	46	39			
10	45	47	44	40	41	42	47	43	37	32	42	37	29	23	25	38	28	32	40	39	40	42	46	45	39			
11	41	46	44	39	37	37	37	38	33	27	20	18	25	26	21	24	37	31	34	37	38	39	38	38	34			
12	40	38	38	37	36	36	34	28	22	15	15	14	15	16	22	26	27	35	37	38	40	41	43	42	31			
13	42	43	43	45	44	46	39	28	20	18	23	20	21	25	22	25	36	38	39	39	39	38	37	38	34			
14	39	37	36	39	39	39	41	42	43	43	33	26	21	24	32	39	37	38	41	38	38	40	40	39	37			
15	38	37	37	36	36	35	35	36	33	26	24	31	30	43	36	33	34	34	33	37	43	45	44	42	36			
16	43	43	41	41	41	41	40	40	40	37	33	31	29	28	26	22	20	22	24	25	32	40	41	44	47	35		
17	44	45	50	40	39	39	37	29	25	21	24	30	31	30	30	39	46	43	49	51	51	51	51	39				
18	51	50	50	51	51	51	48	42	35	28	26	26	25	25	30	41	45	48	48	49	49	49	49	48	42			
19	49	49	49	43	44	42	42	41	38	38	38	38	38	38	38	38	41	41	41	41	41	41	41	41	41			
20	40	39	39	36	36	37	37	36	35	35	33	27	30	36	36	34	29	33	36	39	41	43	43	43	36			
21	43	43	43	43	43	42	43	38	31	26	26	24	24	24	26	27	29	30	36	45	51	53	54	56	38			
22	53	51	47	47	50	54	46	33	29	24	30	27	27	29	29	29	29	35	48	55	60	63	62	41				
23	61	60	68	70	63	61	60	41	30	30	29	28	32	31	31	33	42	47	51	50	52	52	52	47				
24	51	52	52	57	57	60	53	40	31	29	30	31	37	43	48	48	48	45	49	51	51	54	56	62	47			
25	59	59	56	56	56	56	49	41	32	31	36	31	31	29	34	33	33	37	43	51	54	55	60	55	45			
26	53	53	53	53	55	55	50	40	35	31	30	31	30	30	30	31	37	38	42	49	61	62	56	55	44			
27	55	56	58	60	57	66	60	50	40	33	31	30	30	33	33	36	34	40	43	49	50	50	50	50	46			
28	50	52	55	56	56	56	51	44	35	32	32	32	39	40	37	32	31	33	42	48	50	50	54	51	44			
29	51	50	49	52	49	51	55	50	41	31	35	33	34	34	35	41	44	50	53	55	59	57	57	47				
30	57	53	50	50	50	50	50	43	38	33	33	34	33	33	38	36	38	43	47	47	47	48	51	49	44			
31	49	49	50	50	50	50	50	50	50	42	31	31	30	33	36	35	32	36	42	50	50	50	53	51	51	44		
MEAN	46	45	45	45	45	45	43	37	31	27	27	27	27	27	28	30	32	34	36	40	43	45	46	47	46	38		

PERCENTAGE OF DATA VALID - 100

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH AUG 70

STATION - EVANS/ARNOLD ETOBICOKE OAMST	NO 35033	MONTH AUG 70	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
HOUR DAY																													
1	51	51	55	52	48	48	43	37	30	26	25	36	41	41	34	33	37	42	45	48	48	49	49	50	42				
2	49	49	49	49	49	48	45	40	34	29	29	29	28	28	28	30	35	40	42	47	49	49	49	49	41				
3	49	49	44	46	46	46	43	41	35	29	29	30	29	40	40	40	43	46	47	49	49	49	49	49	42				
4	49	49	48	45	48	47	43	38	36	32	28	28	28	31	37	38	41	41	49	50	51	55	46	29	41				
5	29	29	29	29	29	29	29	29	29	29	36	36	36	35	33	33	34	38	42	49	57	63	63	70	38				
6	68	61	61	58	60	61	63	53	36	31	31	31	31	34	34	34	35	35	38	43	49	54	57	64	48				
7	66	64	62	58	60	62	57	46	34	34	32	30	30	30	30	32	32	32	40	52	57	57	61	47					
8	61	58	58	60	59	58	53	43	32	33	31	31	34	33	33	33	35	42	49	52	54	54	54	53	46				
9	53	53	53	54	55	59	62	56	43	31	32	32	32	36	34	33	38	43	51	59	63	63	73	69	49				
10	75	64	64	63	59	59	59	51	42	38	39	38	48	47	47	45	43	49	57	56	56	56	56	56	56	53			
11	55	55	55	55	55	55	55	52	46	45	38	38	36	36	32	40	55	55	55	55	55	55	55	55	62	50			
12	61	64	65	65	57	57	57	52	40	36	37	37	52	69	60	60	50	44	45	56	63	63	64	61	55				
13	57	57	50	47	47	47	47	39	50	50	35	28	25	25	28	27	26	20	15	21	23	23	23	23	35				
14	23	23	23	23	23	23	23	17	8	6	6	6	6	6	13	13	13	16	17	18	20	20	20	20	17				
15	20	20	20	20	20	20	16	10	7	7	9	9	9	9	9	9	10	10	14	17	16	16	17	19	14				
16	18	18	18	17	17	18	14	12	6	***	***	***	***	***	***	8	11	12	13	18	18	18	18	18	15				
17	18	20	18	19	19	19	17	13	8	7	9	9	8	12	14	12	13	15	17	18	19	18	18	18	15				
18	18	18	18	18	17	17	17	17	17	17	14	9	9	9	6	12	12	12	8	9	11	14	14	14	15				
19	13	15	15	15	15	15	15	11	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6				
20	14	14	14	14	16	16	16	13	6	6	6	6	6	6	6	8	25	30	31	31	31	32	32	32	33				
21	33	33	33	33	33	33	32	28	23	20	20	21	21	21	27	26	29	31	29	32	32	33	33	33	33	29			
22	32	33	34	35	35	37	29	23	20	20	20	24	26	27	30	31	31	32	32	32	32	32	32	32	32	30			
23	32	32	32	32	32	32	32	27	22	20	20	27	30	25	20	20	24	29	31	31	31	31	31	31	31	29			
24	33	33	32	32	32	32	31	26	20	20	20	20	20	24	30	34	31	33	33	34	34	34	34	34	34	30			
25	34	34	34	34	34	34	32	27	20	20	20	20	20	20	20	25	24	25	29	32	32	32	32	33	33	28			
26	33	32	32	32	32	32	30	25	21	20	20	22	23	22	22	22	22	20	24	27	29	29	29	29	29	27			
27	30	30	30	30	30	30	28	25	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17			
28	29	29	29	29	29	29	27	22	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18			
29	29	29	29	29	29	29	29	25	20	17	17	17	19	19	19	20	25	27	28	29	29	29	29	29	29	26			
30	29	29	29	29	29	28	29	30	28	28	25	23	23	23	20	20	20	20	26	26	27	27	27	27	27	26			
31	27	27	27	27	28	28	28	24	21	17	17	17	17	18	19	17	17	19	20	21	21	21	22	22	22	22			
MEAN	38	38	37	37	37	37	36	31	25	24	23	24	25	27	27	28	30	31	34	36	37	38	38	38	38	38	32		

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	23	23	23	23	23	23	23	20	15	15	15	15	15	15	16	16	19	20	24	24	24	24	24	24	20
2	24	25	25	25	25	25	23	19	15	15	15	16	18	17	19	22	22	24	24	26	26	26	26	26	22
3	24	24	24	24	24	24	24	24	23	22	20	18	18	18	18	16	19	21	22	22	22	20	18	18	21
4	19	19	19	19	19	19	18	18	16	18	18	18	18	16	16	17	17	22	24	26	26	26	26	26	20
5	26	26	26	25	25	25	24	21	20	17	17	17	17	20	20	18	18	21	24	26	26	26	26	26	23
6	26	26	26	26	26	26	26	22	17	17	17	17	17	17	18	19	22	25	26	26	26	26	26	27	23
7	28	28	28	28	28	28	26	23	18	18	18	18	18	17	20	21	22	24	25	26	26	26	26	26	24
8	27	27	27	27	26	26	25	23	19	18	18	16	16	14	16	16	16	13	13	13	12	12	12	12	19
9	10	11	11	11	11	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10
10	- DATA MISSING -																								
11	*****																								
12	*****																								
13	*****																								
14	*****																								
15	11	11	11	11	10	11	14	17	17	15	14	13	12	12	12	13	13	11	11	11	11	11	11	11	12
16	11	14	17	15	12	10	11	11	8	8	8	8	8	8	8	8	10	10	10	10	7	10	11	13	10
17	9	9	12	17	12	13	19	21	16	10	9	6	26	8	10	13	12	9	9	10	10	11	12	12	12
18	10	10	10	10	10	12	14	16	12	12	9	9	14	17	17	18	17	16	18	15	13	13	13	13	13
19	16	16	14	14	14	13	13	13	11	11	11	11	10	10	10	10	10	10	14	15	14	14	15	18	13
20	19	22	27	27	27	32	36	33	19	13	15	14	13	13	12	12	12	14	15	15	15	16	28	30	20
21	32	38	59	35	29	29	36	34	26	20	14	16	16	14	14	17	15	13	13	15	14	14	14	16	23
22	18	15	9	11	13	14	16	25	19	17	14	12	11	11	11	11	11	11	12	12	12	12	10	10	13
23	10	10	10	11	11	11	13	16	16	22	21	21	21	21	21	21	21	26	26	21	22	23	29	32	19
24	26	22	19	19	17	17	19	****	****	****	21	19	17	17	16	18	20	22	24	21	21	20	17	17	19
25	20	17	16	18	17	21	29	34	22	18	16	17	16	17	20	21	22	24	24	27	27	23	25	22	21
26	26	26	28	21	21	22	25	25	27	25	22	24	23	18	17	18	18	19	20	19	18	17	17	17	21
27	17	17	18	19	17	17	17	17	17	18	17	17	14	14	14	14	14	17	17	18	20	20	20	21	17
28	21	20	20	20	19	19	19	21	23	20	18	17	18	17	16	17	17	17	17	19	17	17	16	16	18
29	16	16	16	16	16	17	22	23	18	18	18	18	18	17	18	21	20	19	20	20	20	21	20	21	19
30	21	21	19	17	19	20	31	27	22	19	19	20	21	21	23	24	23	23	23	23	23	23	23	23	22
MEAN	20	20	21	20	19	19	21	21	18	16	16	15	17	15	16	16	17	18	18	18	18	18	19	20	18

PERCENTAGE OF DATA VALID - 84

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST

NO 35033

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	24	24	26	24	22	23	25	25	24	21	20	19	22	23	23	23	24	25	25	24	24	22	22	23	23
2	22	23	25	23	23	25	37	33	23	24	24	25	25	23	23	23	22	22	24	23	21	21	21	21	24
3	21	21	24	25	22	22	23	23	21	22	20	19	19	20	21	21	21	21	21	21	21	21	20	20	21
4	20	21	21	20	20	20	20	20	21	21	20	20	21	21	22	23	22	22	23	24	29	29	26	25	22
5	25	26	30	30	33	37	46	63	48	33	25	25	28	28	29	30	28	29	29	29	25	27	26	25	31
6	25	25	25	24	25	26	32	29	24	23	23	23	23	25	21	17	17	17	25	43	49	49	41	40	28
7	39	38	38	35	29	39	51	40	21	21	21	19	26	22	22	27	26	26	26	26	26	34	49	45	31
8	59	61	56	52	48	55	55	58	54	46	20	20	20	22	26	30	27	24	26	28	28	27	25	29	37
9	37	27	27	27	25	22	24	24	20	20	20	17	19	19	23	28	26	23	24	20	18	19	17	17	23
10	17	15	15	15	16	15	15	16	16	16	16	13	13	13	13	15	15	15	17	21	20	18	17	16	16
11	16	16	18	20	17	17	18	17	15	15	14	10	12	12	14	14	15	15	15	15	15	15	15	15	15
12	14	14	14	14	14	14	14	14	15	19	21	21	21	14	15	12	15	18	18	17	18	17	17	17	16
13	17	19	21	20	20	21	24	21	18	16	14	14	16	17	17	19	19	17	17	18	20	21	20	20	19
14	17	16	17	18	16	17	22	22	21	24	24	24	20	16	17	21	19	19	17	16	16	15	15	15	19
15	12	14	13	13	14	12	17	16	16	13	13	13	13	13	13	13	13	13	13	14	19	17	13	14	14
16	10	13	14	14	14	17	26	26	16	14	12	12	14	16	16	16	16	16	16	16	16	17	18	20	16
17	23	23	23	21	19	23	25	28	27	23	19	17	17	17	17	17	17	21	26	31	31	22	21	22	22
18	20	18	17	18	19	19	21	20	19	19	19	17	17	17	17	18	18	18	18	18	18	18	18	18	18
19	22	22	22	23	23	26	34	42	31	22	18	18	19	19	19	21	21	21	23	20	21	22	22	20	23
20	27	27	25	27	26	27	35	46	39	24	24	21	21	21	23	24	26	26	23	23	24	24	22	26	26
21	21	21	18	18	18	19	20	23	21	20	20	20	20	20	20	20	18	17	16	16	16	16	16	16	19
22	16	15	15	17	18	21	24	20	17	16	16	14	14	19	23	24	24	27	27	25	23	25	27	24	20
23	21	21	21	19	19	21	25	26	24	22	23	22	24	27	26	28	30	36	30	35	28	29	25	21	25
24	21	21	19	19	21	21	22	21	21	21	21	21	21	21	21	22	20	21	22	25	30	37	37	35	24
25	28	26	23	23	21	21	21	23	20	19	19	19	19	19	19	19	19	20	23	24	****	****	****	****	21
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	20	20	17	19	20	20	17	16	16	****
27	16	18	18	17	17	17	16	17	17	17	17	17	17	19	18	20	20	20	19	19	18	18	17	17	18
28	17	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****
29	****	****	****	****	****	****	****	****	****	****	****	****	****	****	33	33	34	36	38	41	38	34	40	34	****
30	34	37	36	38	37	37	37	46	40	43	****	****	****	****	****	18	17	14	13	14	14	14	15	15	28
31	13	14	14	13	13	13	13	13	13	13	14	15	15	15	14	15	17	16	16	17	17	16	16	16	15
MEAN	23	23	23	22	22	23	27	28	24	22	19	18	19	19	20	21	21	21	22	23	23	23	23	22	22

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH NOV 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	14	22	19	20	17	13	14	14	14	14	14	15	16	16	17	19	21	28	32	18	28	34	19
2	30	20	18	16	16	17	17	22	25	22	18	17	17	18	18	17	19	20	19	19	17	17	15	15	19
3	15	16	15	14	13	13	14	17	18	16	14	15	16	16	15	17	20	20	19	18	15	15	17	16	16
4	16	17	16	17	17	16	17	22	26	24	23	21	20	17	15	16	19	18	17	15	16	16	18	18	18
5	17	18	17	17	16	20	17	17	17	15	14	16	15	15	16	15	18	17	18	19	21	21	19	19	17
6	19	20	20	21	17	17	17	18	19	19	18	16	15	15	15	15	18	19	18	19	18	18	19	18	18
7	18	18	18	18	18	19	19	21	20	17	16	16	17	17	17	17	19	19	20	21	21	21	22	19	19
8	23	24	25	25	23	23	23	23	22	18	17	16	17	17	17	18	18	18	19	18	19	20	20	26	20
9	34	32	28	25	28	25	24	17	***	***	19	19	18	17	20	21	23	21	18	18	17	18	17	16	22
10	15	15	14	15	14	13	15	20	21	19	16	16	15	16	16	16	18	18	19	19	19	20	22	17	17
11	25	24	29	27	28	32	32	31	35	32	28	30	20	19	19	20	21	22	23	23	23	24	24	21	26
12	22	20	19	18	18	16	18	19	19	18	17	16	19	20	21	22	19	17	16	14	15	16	18	16	18
13	16	16	15	14	14	14	14	15	17	16	16	16	16	16	17	18	18	18	17	16	16	15	15	16	16
14	15	15	15	15	15	15	15	16	16	16	18	19	16	16	16	17	17	17	17	17	17	17	16	15	16
15	16	16	16	16	15	16	15	15	16	16	16	16	16	16	16	16	15	16	15	15	15	15	16	16	16
16	15	15	16	17	17	17	19	21	19	18	16	15	17	16	16	17	19	18	17	17	16	16	16	15	17
17	15	15	15	16	16	16	17	19	20	20	19	16	16	15	16	17	20	23	23	31	30	33	33	28	20
18	21	17	17	17	18	18	18	19	19	17	17	18	17	17	18	18	21	20	19	18	17	16	16	16	18
19	15	16	17	17	18	16	18	19	20	21	19	18	16	17	18	18	21	23	21	19	22	27	33	20	20
20	18	17	17	15	15	14	15	16	18	17	18	17	21	22	22	22	24	24	24	23	23	23	21	20	20
21	21	21	21	21	21	21	21	21	21	20	19	17	17	17	17	17	18	19	20	20	21	21	22	24	20
22	23	22	21	21	21	21	21	21	23	23	23	23	23	24	24	22	22	22	22	22	22	21	21	21	22
23	22	22	22	22	22	23	23	25	25	23	23	21	22	23	24	25	27	29	28	30	30	29	29	30	25
24	30	29	31	32	30	30	32	37	37	33	30	27	23	21	24	24	27	29	29	28	28	27	29	28	29
25	28	29	29	29	29	29	29	30	31	31	30	30	29	30	30	30	31	30	30	30	31	32	32	29	30
26	31	31	29	29	30	28	29	30	31	29	30	28	25	26	27	28	28	27	29	27	27	26	26	26	28
27	27	27	26	25	26	26	27	33	34	34	31	33	32	32	29	29	29	30	33	29	31	27	27	25	29
28	25	24	25	24	24	24	23	25	25	24	23	22	21	22	23	26	25	24	26	27	27	25	25	25	24
29	25	27	27	26	25	25	27	27	27	26	27	27	27	27	26	26	26	25	26	27	25	23	23	22	26
30	24	23	23	23	22	23	24	26	28	26	24	23	23	26	25	25	26	33	35	35	38	37	34	30	27
MEAN	21	21	21	20	20	20	21	22	23	22	20	20	19	20	20	20	21	22	22	22	22	22	22	21	21

PERCENTAGE OF DATA VALID - 99

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

MONTH DEC 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	29	26	27	25	25	25	25	27	27	26	25	26	26	26	26	27	29	29	28	25	25	25	24	21	26
2	21	20	20	21	21	21	22	25	25	23	21	20	19	18	18	***	***	***	***	***	***	***	***	***	***
3																									
4																									
5																									
6																									
7	***	***	***	***	***	***	***	***	***	***	16	15	15	14	14	15	17	19	22	23	26	26	26	25	***
8	25	18	15	16	19	22	26	25	24	23	18	18	18	19	18	17	25	27	23	17	16	17	18	20	20
9	16	14	13	14	15	13	13	15	17	15	14	15	14	14	14	15	15	15	13	14	14	14	14	13	14
10	12	13	13	13	13	13	13	16	17	15	15	15	14	15	15	16	20	16	16	16	15	15	15	14	15
11	14	14	14	13	13	14	14	17	20	18	16	17	16	17	17	16	17	17	15	16	14	13	13	12	15
12	13	12	12	12	12	13	12	12	12	13	14	15	15	14	13	13	15	15	15	14	13	13	13	13	13
13	13	13	12	12	13	13	13	13	13	14	13	15	14	15	15	15	16	16	15	15	15	15	14	13	14
14	13	13	13	13	13	13	15	19	33	27	14	14	13	13	14	14	16	21	23	20	16	15	16	18	17
15	18	19	16	15	15	15	17	23	29	31	28	21	16	16	18	19	21	20	18	15	15	15	14	12	19
16	12	13	14	14	12	12	13	16	16	13	13	13	13	13	13	13	13	13	13	13	12	12	11	12	13
17	13	11	11	11	11	11	11	11	13	16	18	18	15	15	15	16	17	16	16	17	18	18	15	13	14
18	15	14	14	14	14	14	16	18	20	18	16	16	16	16	16	16	19	17	16	13	13	13	14	14	16
19	14	14	15	15	16	16	15	17	17	17	16	18	16	15	14	13	13	14	14	14	13	7	***	***	15
20																									
21	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	17	16	15	13	13	12	11	11	***
22	11	10	10	10	10	10	10	11	13	14	14	13	13	13	13	12	12	12	12	12	10	10	10	12	
23	12	10	10	10	10	10	10	10	13	14	14	14	16	14	14	15	14	12	12	11	13	13	13	12	
24	13	12	10	10	10	10	10	10	11	12	11	11	11	11	11	11	11	13	12	12	10	10	9	11	
25	9	9	10	10	10	10	10	10	13	13	10	10	10	9	10	11	11	12	14	14	15	15	13	16	11
26	18	16	15	13	13	13	10	11	13	13	12	13	9	7	7	7	7	9	9	9	9	9	9	12	11
27	12	12	14	15	13	12	10	10	10	10	10	11	11	9	9	9	12	13	12	11	11	11	8	8	11
28	10	11	9	10	13	15	14	19	17	13	13	13	12	12	12	13	16	18	21	26	22	20	20	22	15
29	19	16	14	14	14	23	17	26	27	18	15	13	11	11	11	10	12	16	13	13	16	14	11	9	15
30	10	10	10	10	10	10	12	18	19	15	11	10	11	10	10	12	16	20	23	24	23	25	21	19	15
31	16	17	17	16	14	15	15	17	19	20	18	19	16	14	13	13	13	15	15	13	13	13	12	9	15
MEAN	15	14	14	14	14	14	14	17	18	17	15	15	14	14	14	14	16	16	16	16	15	15	14	14	15

PERCENTAGE OF DATA VALID - 78

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970
STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	21	28	44
FEB	28	23	34	48
MAR	31	15	25	44
APR	30	22	32	52
MAY	31	21	29	53
JUN	29	31	41	55
JUL	31	38	47	70
AUG	31	32	55	75
SEP	27	18	24	59
OCT	31	22	37	63
NOV	30	21	30	38
DEC	26	15	26	33
YEAR	346	24	55	75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	84	356	16	0	0	0	0	456
FEB	0	45	587	33	0	0	0	0	665
MAR	199	381	136	7	0	0	0	0	723
APR	13	202	446	54	0	0	0	0	715
MAY	43	300	346	33	0	0	0	0	722
JUN	15	95	205	341	0	0	0	0	656
JUL	0	17	163	553	11	0	0	0	744
AUG	37	110	224	319	36	0	0	0	726
SEP	63	316	219	12	0	0	0	0	610
OCT	2	282	333	67	2	0	0	0	686
NOV	0	361	314	43	0	0	0	0	718
DEC	75	429	81	2	0	0	0	0	587
YEAR	447	2622	3410	1480	49	0	0	0	8008

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91	6	12.4	17.2	20.0	25.3	38.3	45.7	53.2	56.9	75	24

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH JAN 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	29	26	14	12	13	13	***
2	10	10	13	10	9	10	9	12	13	16	16	12	16	16	16	19	24	26	28	22	18	21	19	22	16
3	22	14	14	10	7	6	6	6	7	7	8	14	10	12	12	15	16	16	20	24	33	37	24	19	15
4	17	14	14	14	13	10	10	10	11	12	14	16	16	16	17	18	20	19	20	16	18	19	20	21	16
5	20	18	17	16	16	14	15	14	16	14	22	***	34	32	34	34	35	41	40	50	48	44	43	52	29
6	52	51	54	52	43	34	38	33	44	***	52	42	39	41	40	40	46	50	54	52	58	48	44	42	46
7	38	36	34	32	32	30	32	30	29	30	34	33	32	32	33	30	34	38	34	31	30	30	26	26	32
8	26	25	25	24	23	20	20	21	21	21	21	20	20	19	22	30	34	39	36	33	30	29	28	28	26
9	27	28	28	28	28	29	30	30	30	30	30	***	30	28	28	30	30	31	32	31	30	30	30	30	29
10	30	30	31	30	30	30	30	30	30	30	30	31	31	30	30	30	33	34	32	32	31	31	30	33	31
11	31	31	30	30	30	30	30	30	30	30	30	30	30	32	31	30	36	39	43	48	48	44	42	43	35
12	44	38	38	34	35	32	35	35	34	35	39	39	42	41	41	42	28	56	48	104	120	128	120	134	56
13	160	180	138	118	122	112	84	88	80	48	48	***	54	56	40	46	50	54	52	40	36	35	34	40	75
14	44	40	42	36	36	38	36	36	37	39	40	42	37	34	36	37	40	48	44	32	32	37	38	37	38
15	40	38	39	41	41	38	41	37	46	46	45	43	40	41	41	39	40	41	40	38	38	34	36	34	40
16	32	31	30	30	29	30	28	30	30	42	41	39	38	40	***	38	38	38	37	38	38	38	39	36	35
17	38	37	38	37	38	38	37	30	31	37	36	36	34	36	36	39	39	39	37	36	34	31	32	30	36
18	30	30	30	33	31	30	30	30	31	30	32	31	31	28	30	31	30	30	34	38	40	40	48	50	33
19	40	42	39	37	37	37	38	42	43	***	44	38	32	28	28	28	34	46	40	30	28	30	28	28	36
20	30	29	29	29	27	27	27	28	32	30	29	31	28	26	25	26	29	30	31	32	32	34	36	39	30
21	46	44	44	45	47	48	49	51	53	54	36	35	33	31	38	34	34	40	32	32	36	40	41	46	41
22	46	42	45	50	52	47	45	56	76	57	42	36	32	30	86	50	38	36	33	31	29	29	28	29	44
23	28	28	30	31	30	33	36	35	35	***	***	31	31	29	29	32	40	40	35	37	47	54	47	42	35
24	40	37	34	35	34	36	32	32	32	32	34	29	23	23	23	31	36	36	36	39	39	39	42	41	34
25	41	42	41	40	40	41	40	40	41	41	41	41	41	43	42	39	37	38	40	39	39	38	38	38	40
26	40	40	40	40	40	41	42	44	48	52	50	68	72	60	64	48	48	44	46	48	46	40	38	38	47
27	36	35	35	33	30	30	30	33	37	40	37	35	32	31	31	34	37	39	40	48	46	45	45	49	37
28	48	48	50	72	60	50	50	51	50	***	35	34	32	29	26	***	20	23	22	20	16	12	10	11	35
29	14	17	20	25	24	23	25	25	27	28	29	29	29	20	12	12	15	19	19	19	20	20	20	21	21
30	17	16	17	17	17	19	20	26	35	31	21	20	20	19	20	20	20	26	26	30	29	30	30	26	23
31	25	22	22	23	24	24	22	23	24	24	24	26	25	25	23	16	18	18	12	12	13	17	16	16	21
MEAN	37	36	35	35	34	33	32	33	35	33	33	33	32	31	32	32	33	36	35	36	36	35	36	34	

PERCENTAGE OF DATA VALID - 96

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH FEB 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	20	19	20	20	20	21	20	20	19	20	20	20	28	26	22	22	22	22	21	22	22	20	21
2	20	20	19	20	20	21	21	24	26	25	25	20	20	***	***	8	8	9	10	9	10	9	10	13	17
3	14	18	20	22	26	28	30	32	35	36	16	10	7	8	***	***	14	26	18	21	18	20	21	28	21
4	34	36	38	38	41	43	47	56	70	62	26	20	15	10	***	***	19	19	20	24	24	24	28	29	33
5	29	29	30	30	31	32	34	34	22	21	8	***	***	10	17	18	22	24	30	30	26	23	18	35	25
6	38	34	30	29	27	30	30	32	34	33	23	14	12	7	7	6	9	7	10	18	16	16	14	21	
7	10	8	6	8	10	11	14	12	10	12	12	40	22	20	12	10	10	10	11	11	9	9	10	10	12
8	10	12	10	10	10	10	10	10	10	11	11	10	9	9	9	10	12	14	16	18	19	18	16	16	12
9	13	11	12	10	10	9	6	6	6	6	12	10	12	11	17	14	22	30	38	40	44	42	44	42	19
10	50	46	35	14	17	20	21	15	9	14	15	16	12	12	14	16	14	15	14	15	14	14	16	16	19
11	16	16	14	***	***	***	***	***	***	***	***	15	***	***	***	***	***	***	7	8	8	9	10	9	***
12	11	12	12	13	16	18	20	20	22	16	8	6	6	6	***	***	***	11	30	12	12	12	11	12	14
13	14	16	18	20	21	22	26	28	33	21	12	11	9	9	***	***	***	***	***	***	***	***	***	***	***
14	6	9	9	12	12	14	16	21	30	26	20	21	30	27	29	23	10	14	18	19	20	22	20	21	19
15	24	24	22	21	20	20	20	20	19	20	16	18	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	6	7	8	9	10	11	11	9	***	***	13	12	14	24	***	***	***	***	***	***	***	***	***
17	***	***	***	***	***	***	***	***	6	14	7	6	6	***	***	10	13	16	14	18	18	13	12	13	***
18	11	8	6	***	***	***	***	***	***	7	10	7	8	7	9	10	10	12	11	10	10	10	11	10	9
19	11	12	10	10	9	10	10	10	10	12	13	6	6	6	***	***	***	***	10	12	9	8	7	7	9
20	10	7	6	7	8	10	11	12	13	16	16	17	20	12	10	10	10	6	***	***	8	8	10	10	11
21	8	8	8	8	8	9	8	8	8	8	6	7	10	10	10	12	12	14	16	11	12	14	12	9	10
22	***	***	8	9	6	8	10	10	8	6	7	9	6	7	10	16	14	16	14	9	8	10	12	13	10
23	13	13	14	16	16	14	15	16	16	14	11	12	11	10	10	10	***	10	10	8	9	7	6	16	12
24	***	***	***	***	***	***	***	***	***	***	***	***	19	19	20	22	20	26	25	22	20	19	18	18	***
25	16	17	16	20	20	20	22	23	20	20	20	32	22	21	18	19	20	22	22	25	20	20	20	21	
26	20	22	21	20	21	22	23	25	25	27	30	24	24	21	21	22	24	29	29	29	27	27	26	27	24
27	27	26	26	26	26	27	29	29	26	24	24	26	25	26	29	30	32	26	21	20	16	16	20	20	25
28	20	20	20	20	20	20	21	21	21	20	15	16	16	30	30	32	34	39	30	24	22	24	19	18	23
MEAN	18	18	17	17	18	19	20	21	20	19	15	16	15	14	17	17	17	18	19	18	17	17	17	17	17

PERCENTAGE OF DATA VALID - 85

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH MAR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	16	16	16	14	17	14	20	20	16	12	10	10	9	10	10	10	10	12	12	13	10	8	13	
2	10	8	****	6	6	6	****	6	20	22	20	23	24	24	26	26	26	29	22	26	28	29	28	28	20
3	27	****	****	****	****	****	****	****	****	****	****	****	20	29	22	29	32	32	32	32	28	24	22	22	****
4	22	18	17	16	14	14	12	10	12	30	28	22	17	12	8	6	32	32	24	22	22	20	19	19	19
5	24	22	18	19	20	23	22	27	27	24	24	24	24	28	28	29	27	25	22	28	28	27	34	25	
6	28	29	26	20	20	20	24	26	22	18	14	12	10	9	9	6	****	****	****	****	****	6	6	****	17
7	****	6	8	6	****	6	7	****	6	****	****	****	****	****	****	****	****	****	****	****	10	11	8	7	****
8	8	10	9	9	10	9	9	8	7	6	6	****	6	10	8	8	10	12	14	16	17	16	17	22	11
9	17	20	14	12	10	8	8	7	7	8	10	10	10	12	10	10	14	18	18	16	13	14	16	13	12
10	14	14	12	14	16	14	14	14	12	20	10	6	****	****	10	17	18	22	19	23	22	24	20	20	16
11	24	22	22	22	22	22	22	22	21	16	10	10	10	10	8	8	16	20	22	24	24	26	28	24	19
12	22	24	23	23	22	22	22	23	23	19	18	42	32	26	24	24	24	24	22	22	24	22	20	20	24
13	16	20	15	15	17	16	18	24	20	12	10	8	15	10	17	20	22	22	20	18	26	20	16	17	
14	13	11	10	10	9	8	8	8	6	****	9	14	12	10	10	12	14	18	18	20	20	20	20	13	
15	19	19	18	18	18	18	18	16	16	16	14	12	10	10	14	20	20	20	20	20	19	18	18	17	
16	18	22	20	20	21	22	24	26	27	22	19	18	16	12	10	12	12	10	20	24	22	24	27	27	20
17	22	24	22	19	19	18	15	19	19	14	18	16	13	15	16	18	20	22	24	25	27	28	28	27	20
18	27	25	23	24	24	25	27	32	26	26	22	22	28	32	40	40	****	32	27	24	20	17	24	24	27
19	22	24	26	26	25	16	14	18	12	20	18	20	26	30	26	22	26	22	20	13	10	12	24	32	21
20	38	37	26	22	18	16	14	16	12	20	18	14	8	****	****	****	****	12	16	14	12	14	10	12	17
21	12	11	****	****	****	****	****	****	****	****	8	14	18	20	22	20	20	20	22	24	26	28	28	32	20
22	38	40	40	38	34	33	34	38	37	34	30	16	10	9	6	6	****	6	****	7	8	8	8	6	22
23	7	7	7	7	****	****	****	****	****	****	****	****	****	****	10	12	14	20	24	28	24	16	10	12	****
24	7	10	8	6	9	10	****	6	16	14	12	12	16	17	20	22	26	30	28	30	33	34	32	18	
25	29	34	38	38	35	34	30	29	33	29	14	16	15	12	12	16	22	30	30	34	32	28	20	18	26
26	16	15	20	24	28	24	23	22	24	12	10	16	6	6	****	****	10	10	10	****	****	****	****	****	16
27	10	12	12	19	23	28	30	30	30	26	25	27	24	14	14	16	16	18	22	24	28	46	38	30	23
28	22	15	14	12	12	12	13	12	7	9	****	6	****	****	****	6	10	10	15	15	16	21	22	26	14
29	32	32	33	33	34	35	37	33	30	26	14	11	12	16	16	16	18	20	21	25	29	33	33	30	26
30	28	26	23	20	18	18	18	20	22	22	22	20	18	18	17	16	17	20	20	23	24	24	23	18	21
31	23	24	24	20	14	14	13	16	16	****	****	****	****	****	****	****	15	11	12	12	12	14	12	13	16
MEAN	21	20	19	18	19	18	19	20	19	19	16	16	15	16	15	16	19	20	21	21	21	21	21	21	19

PERCENTAGE OF DATA VALID - 88

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH APR 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	13	12	16	18	18	20	20	21	21	18	16	15	17	17	17	16	16	17	19	20	20	18	12	17
2	8	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	10	10	10	11	8	7	7	***
3	7	9	9	11	12	13	14	15	15	15	18	18	15	7	8	9	13	14	14	18	19	15	19	20	14
4	19	16	21	20	18	15	16	16	18	22	21	18	13	13	6	12	7	***	6	11	12	14	16	17	15
5	19	19	18	18	20	23	23	21	20	14	11	10	9	9	8	7	7	7	9	9	9	9	8	8	13
6	7	6	***	***	***	***	***	***	***	13	12	***	***	10	10	14	14	12	12	14	16	16	17	18	***
7	18	18	14	13	16	17	14	17	18	23	23	21	20	22	20	20	20	18	18	18	17	15	15	18	
8	18	16	17	14	13	14	13	12	10	8	10	11	11	18	41	27	24	22	22	24	25	21	15	18	
9	9	17	20	19	19	18	17	15	15	14	10	10	10	12	12	14	18	17	16	17	16	14	11	12	15
10	13	17	17	14	16	17	19	20	19	13	11	11	9	9	8	7	6	10	12	16	17	17	16	14	15
11	16	16	16	16	14	14	14	14	12	12	12	13	11	13	16	18	20	20	22	27	24	22	22	22	17
12	24	25	25	24	24	25	24	22	22	18	14	15	17	18	18	20	20	13	12	11	16	13	14	14	19
13	12	10	10	10	10	8	8	7	***	6	***	***	***	***	***	7	7	7	7	8	9	10	9	10	9
14	11	10	9	9	9	11	11	10	10	10	10	10	11	13	14	13	10	10	9	10	11	11	11	12	11
15	13	14	14	14	15	16	16	16	14	8	6	7	6	6	7	6	7	13	14	13	14	13	14	15	12
16	16	17	16	15	15	19	17	18	18	17	16	16	17	18	16	17	16	19	15	14	13	13	14	16	16
17	14	11	10	8	7	6	8	8	***	***	***	***	***	6	7	6	8	12	9	11	17	16	17	10	10
18	17	19	20	18	19	21	21	22	22	14	16	10	10	11	12	12	14	13	14	17	21	24	25	26	17
19	27	27	24	22	20	19	19	19	18	14	10	6	7	6	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	12	12	12	12	12	12	12	13	13	13	13	12	12	13	14	15	18	13
21	18	18	19	20	20	18	20	20	20	16	16	10	10	***	***	***	***	9	6	8	9	10	10	12	14
22	12	12	12	16	16	17	17	20	18	15	17	24	***	***	***	10	14	27	27	26	26	25	22	20	19
23	19	11	9	8	7	7	***	7	8	10	13	15	18	19	19	20	20	20	18	20	23	26	26	16	16
24	28	25	26	28	29	30	30	30	34	100	***	38	24	27	31	31	30	30	28	28	27	26	21	32	32
25	22	24	23	22	22	24	26	24	20	22	22	20	22	24	24	21	24	28	29	30	30	30	30	25	25
26	34	30	38	31	25	24	30	29	26	27	26	26	28	28	28	30	28	27	29	34	34	32	32	32	30
27	33	28	31	28	24	30	22	30	***	***	17	30	25	40	44	44	38	37	36	30	16	15	14	13	28
28	14	12	12	11	10	11	11	12	16	11	12	11	12	10	12	12	17	16	15	17	17	13	13	12	13
29	12	12	12	11	10	12	14	18	19	19	20	30	47	***	***	***	***	37	40	47	50	46	40	37	27
30	34	30	27	28	28	27	27	29	30	29	27	23	20	27	38	38	36	34	32	32	40	37	38	37	31
MEAN	17	17	18	17	17	17	18	18	18	19	15	17	16	16	18	17	17	18	18	19	20	19	19	18	18

PERCENTAGE OF DATA VALID - 90

UNITS - PARTS PER MILLION

PERCENTAGE OF DATA VALID - 79

UNITS - PARTS PER MILLION

PERCENTAGE OF DATA VALID -- 46

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																											
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER MILLION														
STATION - ASH ST WATER TANK SUDBURY													NO 77016 MONTH JUL 70														
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	11	19	8	13	10	11	10	9	16	11	***	***	***	***	***	6	6	9	6	11	19	12	11	***	11		
2	***	***	***	***	***	***	***	***	***	10	16	15	16	16	16	16	18	15	13	12	15	20	12	12	***		
3	11	11	11	6	6	8	9	12	19	14	11	12	28	29	25	23	19	7	***	10	7	13	15	37	15		
4	***	***	***	***	***	***	***	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
5	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
6	18	***	19	16	19	16	16	15	17	16	15	11	9	***	***	***	6	6	***	***	6	11	11	19	***		
7	13	10	10	10	7	15	***	8	18	23	16	16	19	23	23	23	19	17	12	15	13	16	18	15	15		
8	11	13	20	13	6	6	9	12	20	19	20	79	92	49	36	36	25	***	***	***	6	35	28	17	26		
9	16	15	17	25	21	18	19	19	19	11	11	18	15	24	36	40	39	27	9	20	12	19	17	20			
10	16	18	7	***	***	19	26	27	32	***	***	19	20	23	16	27	47	37	27	23	13	***	***	***	23		
11	***	***	***	***	***	***	***	***	***	***	9	14	***	7	8	8	6	7	6	***	6	***	8	***	***		
12	***	***	***	***	***	***	***	6	9	***	***	***	***	7	7	9	11	9	10	10	18	18	24	20	***		
13	24	32	30	19	18	19	20	19	19	22	23	30	35	26	24	40	34	31	28	26	23	22	22	18	25		
14	18	18	18	16	14	14	14	17	27	27	23	26	30	27	29	25	11	8	***	***	***	***	***	***	20		
15														- DATA MISSING -													
16														- DATA MISSING -													
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	6	***		
18	***	***	***	***	***	***	7	7	8	10	13	14	14	15	15	15	16	16	16	17	17	14	14	12	13		
19	12	10	10	9	10	11	10	11	9	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
20														- DATA MISSING -													
21														- DATA MISSING -													
22														- DATA MISSING -													
23	***	***	6	***	6	16	20	27	18	10	11	12	18	17	16	14	9	***	***	***	***	14	22	27	15		
24	17	9	6	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
25														- DATA MISSING -													
26														- DATA MISSING -													
27														- DATA MISSING -													
28														- DATA MISSING -													
29	***	***	***	***	***	***	12	14	19	***	***	***	***	***	***	***	***	***	***	***	***	***	6	9	***		
30	***	***	***	***	***	***	***	***	***	8	11	10	6	10	8	***	***	***	***	***	***	***	***	***	***		
31														- DATA MISSING -													
MEAN	15	16	14	14	12	14	14	14	18	15	15	21	25	21	20	21	18	16	14	16	13	18	15	17	17		
PERCENTAGE OF DATA VALID -				39																							

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																											
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER MILLION														
STATION - ASH ST WATER TANK SUDBURY													NO 77016 MONTH AUG 70														
HOURLY DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1														- DATA MISSING -													
2														- DATA MISSING -													
3														- DATA MISSING -													
4	***	***	***	***	***	***	***	26	24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
5	***	***	***	***	***	***	***	23	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
6														- DATA MISSING -													
7	***	***	***	***	***	***	6	10	10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
8														- DATA MISSING -													
9	***	***	***	11	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	11	11	***		
10	9	7	7	7	7	10	13	11	***	***	***	7	10	13	18	24	30	15	***	***	***	***	***	7	12		
11	8	11	13	14	17	24	16	20	19	***	6	***	***	6	***	6	***	***	***	***	***	***	***	***	***		
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	8	9	11	12	20	19	13	***		
13	11	10	10	10	11	15	18	11	***	***	***	***	***	***	***	6	9	***	***	***	8	9	9	9	***		
14	10	11	12	13	13	15	16	7	7	***	***	***	***	***	***	***	***	***	***	***	6	6	9	10	***		
15	11	12	14	12	15	17	17	10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
16														- DATA MISSING -													
17	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	7	9	12	13	15	17	***		
18	17	48	39	21	22	24	32	26	28	***	***	***	***	***	***	***	***	***	59	***	***	***	***	***	***		
19	***	***	***	***	***	***	***	9	12	6	***	***	10	9	***	7	23	26	22	7	***	***	***	***	***		
20	***	***	***	***	***	***	9	13	41	17	12	***	6	14	7	***	7	***	9	11	11	13	13	12	***		
21	14	16	18	19	19	21	23	25	19	***	***	6	8	7	9	35	25	32	18	***	***	***	***	***	18		
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	12	15	13	12	17	21	21	21	25	27	***		
23	31	30	32	34	34	33	34	39	39	33	29	25	14	***	***	***	***	***	***	25	27	25	28	33	30		
24	35	38	38	41	39	44	50	49	31	35	37	37	34	27	15	13	***	***	***	***	***	***	***	9	34		
25	14	11	9	9	10	11	11	10	14	14	8	***	***	***	***	***	7	15	18	20	25	28	32	33	16		
26	37	42	44	42	39	40	43	33	22	11	9	14	***	***	***	***	***	***	***	***	***	***	***	***	***		
27	***	***	***	***	***	***	***	***	15	15	10	10	20	10	6	***	***	***	***	***	***	***	***	***	***		
28	***	***	***	***	***	***	12	14	13	10	8	7	6	***	***	***	***	***	11	14	20	24	24	***	***		
29	24	22	23	24	27	25	23	23	20	18	17	14	15	14	8	***	6	***	***	***	6	10	14	18	18		
30	25	21	24	24	26	26	24	23	22	19	15	12	7	***	***	***	***	***	10	17	19	18	22	22	20		
31	26	28	29	26	27	33	41	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***		
MEAN	19	22	22	20	22	24	23	20	21	18	15	15	13	13	11	11	16	17	16	19	15	17	18	18	19		
PERCENTAGE OF DATA VALID -				37																							

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH SEP 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1																									
2	24	46	60	21	20	21	23	21	19	26	22	19	16	14	16	16	16	16	17	18	21	21	26	25	25
3	14	12	12	11	11	12	11	11	10	12	16	16	16	20	22	24	28	28	27	28	31	31	33	36	20
4	37	38	38	38	38	38	37	37	37	32	24	24	24	23	21	20	20	18	18	21	21	23	24	25	28
5	27	29	33	37	38	37	41	40	38	32	29	26	24	21	20	19	19	19	22	25	28	36	36	43	30
6	36	38	39	40	42	44	45	45	46	43	40	35	27	25	23	21	18	19	19	19	19	19	19	19	31
7	20	19	18	17	17	21	22	26	27	27	29	29	21	18	21	28	28	24	26	25	27	27	27	21	24
8	18	19	20	21	33	30	33	46	48	37	42	38	30	21	19	19	24	18	15	16	16	14	15	15	25
9																									
10																									
11																									
12	26	27	31	42	40	42	45	37	27	23	21	19	17	15	15	15	15	17	17	18	18	19	22	23	25
13	24	27	33	36	40	44	33	22	19	19	18	18	18	19	19	18	21	24	22	18	18	15	16	26	24
14	21	25	29	32	44	45	43	38	37	33	31	25	23	19	13	14	17	21	25	26	29	29	30	29	28
15	26	24	24	24	29	28	31	30	27	28	25	25	23	23	23	25	27	23	21	18	17	17	16	13	24
16	10	6			8	14	17	17	19	21	23	23	23	23	21	20	18	16	14	13	13	15	19	18	17
17	19	17	16	16	16	17	19	17	19	20															
18	12	12	10	10	13	16	17	17	21	21	19	20	22	22	24	23	23	23	23	25	23	20	20	18	19
19	18	17	17	15	13	14	15	15	15	16	18	19	20	21	20	20	20	19	18	18	17	14	14	14	17
20																									
21	11	10	9	8			8	11	20	19	19	16	14	14	6					25	21	18	14	7	14
22									6	6							6								
23									7	11	6	11	13	15	15	23	19	17	20	20	17	21	16	12	15
24	9	9	6	12												8	14	10		13	15	15	15	15	
25	16	16	16	17	17	17	20	20	17	9	9	11	10	12	11	13	13	13	15	14	14	11	11	10	14
26	8	6														17	8	7	9	8	8	7	7	7	
27	8	8	8	8	7	8	8	7	9	10	11	12	12	11	13	14	15	13	9						10
28		8	11	12	15	16	19	18	14	15	15	15	15	15	17	15	19	19	18	20	23	22	22	24	17
29	24	24	24	25	24	29	34	33	30	27	24	24	22	22	24	20	16	15	14	13	11				22
30								6	6		8	8	11	11	11	13	14	15	17	17	17	17	20	18	13
MEAN	19	20	22	22	24	26	26	24	23	22	22	21	19	18	18	19	18	19	18	19	20	19	20	20	21

PERCENTAGE OF DATA VALID - 75

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

MONTH OCT 70

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	18	18	21	20	19	21	21	27	9	7	6	6	***	***	***	6	***	***	***	***	***	***	***	***
2	***	***	***	***	***	***	***	***	16	18	17	15	12	10	10	11	11	11	11	12	13	13	15	15	13
3	15	15	14	15	15	15	15	15	17	20	19	17	18	19	21	22	23	24	26	26	27	29	30	20	20
4	32	33	34	35	37	39	40	41	43	42	37	31	28	25	21	20	11	7	13	***	6	***	***	***	29
5	***	***	***	8	17	19	20	22	13	17	20	24	26	26	20	23	23	17	15	10	10	9	8	8	17
6	8	6	***	***	***	8	11	21	22	22	25	26	19	23	23	24	21	21	18	16	20	17	13	10	18
7	9	10	7	7	8	9	9	12	19	20	14	17	20	20	20	24	20	19	16	18	16	18	15	12	15
8	10	20	10	***	6	11	20	19	***	***	12	14	12	22	28	27	29	28	32	36	25	22	21	21	20
9	19	20	15	12	11	11	13	14	13	13	16	16	17	17	18	21	19	17	15	13	12	8	***	***	15
10	***	***	***	***	***	***	***	7	9	7	9	10	10	10	10	10	10	11	11	11	11	11	12	14	10
11	14	14	13	14	14	19	18	36	37	27	23	20	20	18	16	15	20	15	14	12	11	8	6	***	18
12	***	***	***	***	***	***	***	***	7	18	19	23	25	27	29	29	25	25	24	22	23	23	25	23	23
13	25	29	31	31	30	32	34	31	30	26	25	24	25	35	32	33	31	26	27	24	23	21	17	14	27
14	14	15	12	12	12	11	11	16	14	12	13	14	14	14	21	26	27	26	23	18	18	20	22	22	17
15	22	22	23	23	25	25	25	26	25	22	22	22	24	24	21	20	21	23	22	22	21	22	22	22	23
16	21	21	22	22	20	21	20	17	19	19	20	23	24	24	25	26	30	19	21	24	25	36	48	41	25
17	37	43	27	23	20	21	20	20	21	18	13	11	13	11	10	8	18	20	24	26	26	25	26	26	16
18	15	16	12	14	11	9	***	9	8	16	17	16	10	8	10	15	18	20	24	26	26	25	26	26	16
19	25	24	25	24	25	27	37	36	37	22	26	22	24	24	23	23	24	29	29	30	32	35	34	35	28
20	34	32	30	27	28	31	37	37	38	23	15	11	16	14	11	11	22	23	23	21	23	22	22	22	24
21	21	21	20	20	20	20	22	24	24	23	23	22	23	22	21	21	21	18	18	15	14	14	11	10	20
22	10	7	6	6	7	7	7	***	15	9	8	6	6	7	7	6	14	14	15	17	16	18	19	22	11
23	26	23	24	25	29	***	***	***	27	17	21	16	16	16	13	14	22	20	34	30	27	56	51	47	26
24	31	28	28	28	30	35	38	38	29	24	19	17	17	16	13	14	22	16	20	15	15	15	16	17	23
25	18	19	20	21	22	23	25	25	26	21	17	16	17	17	15	15	15	17	17	20	19	20	23	23	20
26	51	51	51	53	56	63	72	84	73	74	56	35	34	37	35	33	39	43	39	39	39	44	42	47	50
27	45	40	40	40	41	44	47	53	53	44	41	40	43	43	44	44	49	37	37	37	34	33	33	33	41
28	36	36	35	35	34	34	37	42	36	32	30	27	27	26	31	31	35	42	36	32	32	31	36	39	34
29	46	47	48	47	45	45	46	50	47	***	***	***	***	***	***	***	37	36	31	26	24	24	19	21	38
30	22	22	21	21	19	21	21	20	27	28	28	29	29	30	30	30	30	30	30	30	23	23	19	16	12
31	9	7	***	***	***	***	***	***	***	***	***	***	***	***	***	***	32	26	26	24	18	15	14	14	***
MEAN	23	24	23	23	23	24	27	28	27	23	21	20	20	21	21	21	23	22	23	22	21	22	22	23	23

PERCENTAGE OF DATA VALID - 89

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER MILLION													
STATION - ASH ST WATER TANK SUDBURY													NO 77016 MONTH NOV 70													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1	17	20	23	28	31	33	39	45	42	33	29	28	27	30	26	22	26	28	32	39	38	34	32	29	30	
2	29	28	28	28	30	33	38	41	42	43	40	43	43	42	42	41	40	40	40	43	44	45	45	48	39	
3	49	49	49	46	48	48	48	45	47	35	19	16	24	16	8	12	16	22	17	17	12	10	7	28		
4	****	****	****	****	****	****	****	****	7	29	23	18	15	12	13	23	67	76	27	****	****	****	****	****	****	
5	****	****	****	****	****	****	****	7	18	21	21	13	****	****	24	48	56	29	10	10	19	24	17	15	****	
6	21	18	12	7	****	****	****	6	19	39	****	8	****	****	9	7	7	7	11	8	7	7	7	12		
7	13	13	15	16	19	20	22	22	19	16	22	22	21	23	25	29	29	39	44	39	34	34	33	33	25	
8	49	39	43	46	45	37	45	52	48	45	49	46	52	46	46	57	52	48	50	49	57	59	52	56	49	
9	52	45	42	39	39	39	39	44	55	59	47	58	39	37	37	42	46	46	41	35	35	32	32	30	42	
10	28	26	26	26	23	22	22	23	21	21	23	21	21	24	24	25	30	33	****	17	7	****	****	7	22	
11	7	10	12	11	11	14	16	20	23	22	21	19	14	15	10	6	6	6	****	****	****	****	****	****	14	
12	****	****	****	****	****	****	****	****	9	15	10	11	11	15	16	12	7	8	7	****	****	****	****	****	****	
13	****	****	****	****	6	8	10	12	14	****	36	19	16	17	17	17	20	20	20	19	19	19	19	17		
14	19	20	20	20	18	19	19	18	19	19	16	14	12	13	11	13	15	12	12	12	11	11	11	15		
15	11	11	9	9	8	7	9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****		
16	6	6	6	6	6	6	6	9	12	9	7	8	****	6	6	****	10	7	****	****	****	****	****	****		
17	****	****	****	****	****	****	****	****	8	13	14	15	16	17	16	19	21	23	21	22	23	16	17	18		
18	16	15	13	14	14	14	14	15	14	14	14	14	16	16	17	17	20	20	16	16	14	13	11	15		
19	9	9	8	6	****	****	6	12	14	11	11	6	****	****	****	****	16	24	24	17	15	11	11	12		
20	10	7	7	6	****	****	****	****	16	15	****	16	10	10	10	10	10	7	****	****	****	9	11	11	10	
21	12	****	****	****	****	****	****	****	****	****	****	****	****	6	****	****	****	****	****	****	6	7	7	10	33	****
22	25	17	14	7	7	****	****	****	****	****	****	****	****	9	9	9	****	****	****	****	****	****	****	****	****	
23	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	
26	17	17	****	19	19	19	21	23	25	22	21	25	29	28	26	27	27	27	27	28	28	28	27	24	****	
27	28	28	28	29	29	28	27	22	20	23	21	20	19	19	19	18	18	18	18	18	18	18	18	18	22	
28	17	17	17	17	15	15	15	17	17	18	17	17	16	16	16	17	20	20	19	19	19	19	19	19	17	
29	19	18	18	19	19	19	19	19	20	21	22	22	23	25	25	25	25	25	25	26	27	27	25	25	22	
30	25	25	24	23	24	24	24	21	22	21	21	20	26	25	23	29	27	29	27	25	23	21	19	18	24	
MEAN	22	21	21	20	22	22	24	24	23	24	23	21	21	20	21	23	26	25	24	23	23	23	21	21	22	
PERCENTAGE OF DATA VALID - 73																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
POLLUTANT - TOTAL HYDROCARBONS													UNITS - PARTS PER MILLION													
STATION - ASH ST WATER TANK SUDBURY													NO 77016 MONTH DEC 70													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	18	17	17	17	16	17	17	17	18	19	17	21	20	21	28	33	36	28	25	25	25	26	27	25	22	
2	22	23	22	20	20	19	20	20	21	18	17	17	17	19	19	17	17	16	17	17	15	15	15	15	18	
3	16	16	16	15	16	16	17	16	18	24	22	22	22	21	20	19	19	19	18	17	17	15	15	15	17	
4	14	14	13	13	13	13	13	14	16	17	16	16	17	17	18	17	17	19	21	21	19	21	21	21	17	
5	22	22	21	21	21	20	19	19	21	21	20	19	21	21	21	24	23	23	22	21	21	21	21	21	21	
6													-	DATA MISSING	-											
7													-	DATA MISSING	-											
8													-	DATA MISSING	-											
9													-	DATA MISSING	-											
10													-	DATA MISSING	-											
11													-	DATA MISSING	-											
12													-	DATA MISSING	-											
13													-	DATA MISSING	-											
14													-	DATA MISSING	-											
15													-	DATA MISSING	-											
16													-	DATA MISSING	-											
17													-	DATA MISSING	-											
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	23	17	15	23	27	17	17	****	
19	17	17	15	13	14	9	9	16	18	17	17	17	17	17	14	13	12	11	11	11	9	9	10	10	14	
20	10	10	9	9	9	9	9	9	8	9	11	11	11	11	11	13	13	11	11	11	11	11	11	10	10	
21	10	10	8	8	9	9	9	11	16	27	23	22	21	19	19	20	22	29	29	27	24	23	23	23	18	
22	19	18	16	16	15	15	15	15	33	26	18	15	15	17	16	17	22	19	17	17	17	17	17	17	18	
23	17	16	16	16	16	16	16	17	20	25	27	27	23	22	22	21	20	19	17	18	18	18	18	19	19	
24	19	19	19	19	19	19	19	19	19	23	27	25	25	23	23	23	25	25	28	30	28	27	31	34	28	24
25	25	24	22	23	21	22	22	22	23	23	23	23	25	25	25	23	23	23	25	24	23	24	25	26	24	
26	25	24	****	****	****	****	****	****	****	****	****	****	29	26	26	25	27	31	****	****	****	****	****	****	****	
27													-	DATA MISSING	-											
28	****	****	****	****	****	****	****	****	****	****	23	24	24	21	21	21	21	22	23	24	25	23	22	24	23	****
29	21	21	21	21	21	21	21	23	24	27	25	24	24	25	29	28	29	25	23	21	21	20	19	19	23	
30	19	19	19	19	18	18	18	18	18	20	25	22	19	19	19	21	26	33	32	32	32	27	25	29	23	
31	31	28	25	22	21	21	21	26	31	35	31	32	31	31	27	27	25	24	29	31	28	27	25	23	27	
MEAN	19	19	17	17	17	17	17	17	21	23	21	21	21	21	21	21	22	22	22	21	21	21	20	20	20	
PERCENTAGE OF DATA VALID - 52																										

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1970

STATION - ASH ST WATER TANK SUDBURY

NO 77016

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	34	75	180
FEB	28	17	33	70
MAR	31	19	27	46
APR	30	18	32	100
MAY	29	15	26	34
JUN	17	18	27	42
JUL	21	17	26	92
AUG	25	19	34	59
SEP	28	21	31	60
OCT	31	23	50	84
NOV	29	22	49	76
DEC	18	20	27	36
YEAR	318	21	75	180

DEPARTMENT OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 70

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER MILLION

STATION - ASH ST WATER TANK SUDBURY

NO 77016

	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201+OVER	TOTAL
JAN	19	80	206	391	9	9	2	0	716
FEB	166	177	195	37	2	0	0	0	577
MAR	129	212	270	51	0	0	0	0	662
APR	118	320	171	40	0	1	0	0	650
MAY	182	270	129	11	0	0	0	0	592
JUN	73	136	109	20	0	0	0	0	338
JUL	76	146	53	16	1	1	0	0	293
AUG	75	96	66	42	0	0	0	0	279
SEP	54	235	190	68	0	0	0	0	547
OCT	75	201	261	127	5	0	0	0	669
NOV	80	189	156	100	2	0	0	0	527
DEC	22	166	184	18	0	0	0	0	390
YEAR	1069	2228	1990	921	19	11	2	0	6240

FREQUENCY DISTRIBUTION BY PERCENTILES

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